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	nAPP2127156073
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

,			OGRID 7				
Contact Name Chase Settle			Contact To	^{relephone} 575-748-1471			
Contact email Chase_Settle@eogresources.com			Incident #	# (assigned by OCD) nAPP2127156073			
Contact mai	ling address	104 S. 4th Str	eet, Artesia,	NM 88	8210		
			Location	n of R	Release S	Source	
Latitude 32	.82313				Longitude	-104.45703	
			(NAD 83 in d	lecimal de	grees to 5 decir	imal places)	
Site Name G	issler AV	Batterv			Site Type	Battery	
Date Release	Discovered	9/22/2021			API# (if app		
			1		l		
Unit Letter	Section	Township	Range		Cour	inty	
F	23	17S	25E	Edd	у		
Surface Owne	or: State	☐ Federal ☐ T	ribal 🖊 Private	(Name:	Gatewoo	od, Paula Ruth & Richard	
Surface Owne	a state	Tederal 1	Tiour V Tirvate	(1 vanie.		,	
			Nature an	d Vo	lume of l	Release	
	Materia	al(s) Released (Select a	ll that apply and attac	ch calculat	tions or specific	ic justification for the volumes provided below)	
Crude Oi	il	Volume Release	ed (bbls)		•	Volume Recovered (bbls)	
✓ Produced	l Water	Volume Release	ed (bbls) Unkno	wn		Volume Recovered (bbls) 0	
		Is the concentra	tion of dissolved		e in the	☑ Yes ☐ No	
Condens	produced water >10,000 mg/l?				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 Da	laaga I li ata w	i a al iman a ata una	ana dia aayanad	م استاما	n tha daga	The best on the second of the best on. The	
Cause of Re						ommissioning process of the battery. The the area determined on 9/22/21 based on	
	the im thresh	npacted area fo	otprint that the	releas	se more th	han likely breached the reportable volume	
	unesi	ioiu.					

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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	sible party consider this a major release?	
☐ Yes ☑ No			
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?	
	Initial Re	esponse	
The responsible	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury	
☐ The source of the 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 d	ikes, absorbent pads, or other containment devices.	
All free liquids and recoverable materials have been removed and managed appropriately.			
If all the actions described	d above have <u>not</u> been undertaken, explain v	vhy:	
Per 19 15 29 8 R (4) NM	AC the responsible party may commence to	emediation 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 lease attach all information needed for closure evaluation.	
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notified ment. The acceptance of a C-141 report by the O ate and remediate contamination that pose a threat	best of my knowledge and understand that pursuant to OCD rules and ications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws	
Printed Name: Chase	Settle	Title: Rep Safety & Environmental Sr	
Signature: Than	ettle	Date: 9/28/21	
email: Chase_Settle	@eogresources.com	Telephone: <u>575-748-1471</u>	
OCD O-I-			
OCD Only	M		
Received by: Ramona	Marcus	Date: 10/01/2021	

	Page 3 of 5.	56
Incident ID	nAPP2127156073	
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	✓ Yes ☐ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of a wetland?	✓ Yes ☐ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wel Field data	ls.		
☐ Data table of soil contaminant concentration data			
Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release			
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs			
Photographs including date and GIS information			
Topographic/Aerial maps			
☐ Laboratory data including chain of custody			

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

Received by OCD: 6/30/2022 3:23:56 PM State of New Mexico
Page 4 Oil Conservation Division

F	Page	e 4	of	°55(5

Incident ID	nAPP2127156073
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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 Gailed to adequately investigate and remediate contamination that pose a threaddition, 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 of DCD 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: 03/21/2022
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by:	Date:

	Page 5 of 5:	56
Incident ID	nAPP2127156073	
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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 19.15.29.15 ☑ Proposed schedule for remediation (note if remediation plan times) 	2(C)(4) NMAC	
Defermed Degrees to Only Early of the full mine it was much be assured by	C	
Deferral Requests Only: Each of the following items must be conjugated as a second sec	armea as part of any request for aeferral of remeatation.	
Contamination must be in areas immediately under or around prodeconstruction.	oduction 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.	
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: 03/21/2022	
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471	
OCD Only		
<u>OCD OINY</u>		
Received by:	Date:	
☐ Approved	Approval	
Signature: Jennifer Nobili	Date: 03/30/2022	

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Incident ID nAPP2127156073
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Facility ID
Application ID

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
✓ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)	
✓ Description of remediation activities		
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in	
Printed Name: Amber Griffin	Title: Rep Safety & Environmental Sr	
Signature: Amber Griffin email: Amber_Griffin@eogresources.com	Date: _6/30/2022	
email: Amber_Griffin@eogresources.com	Telephone: 575-748-1471	
OCD Only		
Received by:	Date:	
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.	
Closure Approved by: Bradford Billings	Date: 07/12/2022	
Printed Name: Bradford Billings	Title:Enviro.Spec.A	

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



Our ref: 112563391

June 30, 2022

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

Re: Site Closure Report

Gissler AV Battery Release Site

EOG Resources Inc.

Incident ID: nAPP2127156073

F-23-17S-25E, Eddy County New Mexico

Introduction 1.

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, remedial activities and analyses that was conducted in the affected area at the EOG Gissler AV Battery Release Site (Site). The Site is located in Unit Letter F, Section 23 of Township 17 South and Range 25 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.82313° N latitude and 104.45703° W longitude. The release occurred on land privately owned by Paula Ruth and Richard Gatewood. Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figures 2 and 3.

Background Information 2.

A C-141, Release Notification, for this release was submitted to the NMOCD on September 28, 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 decommissioning process associated with this location. Soils within the former tank battery containment appeared to be discolored. On September 22, 2021, GHD was on Site to investigate if the stained soils constituted a reportable release. Based on the results of that investigation and after discussions between field personnel and environmental staff, EOG made the decision to 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 nAPP2127156073. The Release Notification, Site Assessment/Characterization, Remediation Plan, and Closure portions of Form C-141 are attached to the front of this report.

Groundwater and Site Characterization 3.

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



→ The Power of Commitment

19.15.29.12). GHD, on behalf of EOG, proposed 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 southern portion of the Site.

Area A:

According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), Area A, approximately 1,174 square yards of the impacted surface area on the Southern extent of the Site, is located within three (300) feet of a significant watercourse and must be treated as if groundwater is less than fifty (50) feet below ground surface. 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 3, Site Boundary 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 A. The soil and closure criteria are listed below and will be referred to as **Standard A** in this report.

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
No Receptors Found	Unknown, Treated as <50 ft

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	втех	Benzene
19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes:					
= not defined					

Area B:

Depth to groundwater at the Site is estimated to be greater than one hundred (100) feet below ground surface based on the nearest water well data collected from the USGS National Water Information System: Mapper database. The nearest permitted well USGS 324930104272301 with depth to groundwater information is located approximately 0.13 miles north-northeast of the Site, with a depth to groundwater of 201.74 feet below ground surface as measured on January 15, 2015. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), Area B, approximately 3,315 square yards of the impacted surface area on the northern 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 (Karst Potential, USGS Well log, USGS Well Map, 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:

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

Regulatory Standard Chloride **BTEX** Benzene (GRO+DRO+MRO) (GRO+MRO) 19.15.29.13 Restoration, Reclamation and Re-600 mg/kg 50 mg/kg 10 mg/kg 100 mg/kg Vegetation (Impacted Area 0-4 Feet) 19.15.29.12 NMAC Table I Closure Criteria for Soils 20,000 mg/kg 2,500 mg/kg 1,000 mg/kg 50 mg/kg 10 mg/kg Impacted by a Release Notes: --- = not defined

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

4. Initial Soil Delineation Assessment Summary and Findings

Between September 28 and October 21, 2021, GHD and EOG's contractor Standard Safety and Supply (SS) installed twenty-nine (29) test pits, TP1 through TP29, within the suspected impacted area. Soil samples were collected at depths ranging from the surface to 20 feet below ground surface. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico.

Fifteen (15) of the twenty-nine (29) test pits had samples exceeding applicable NMAC Table I Closure Criteria for groundwater less than 50 ft at varying depths: TP-1, TP-2, TP-3, TP-4, TP-5, TP-6, TP-7, TP-8, TP-9, TP-10, TP-12, TP-13, TP-15, TP-18, and TP-22. Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the initial delineation samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment D.

Between January 4 and 5, 2022, GHD and White Drilling Co. (White) installed a soil boring SB-1 to one hundred thirty-seven (137) feet below ground surface in order to vertically delineate the area around TP-4 and TP-13. Soil samples were collected in approximate five (5) foot intervals beginning at five (5) feet below ground surface, from SB-1. 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. Total TPH and chloride concentrations were delineated to below 100 mg/kg and 600 mg/kg at sixty (60) feet and one hundred thirty (130) feet below ground surface, respectively. The SB-1 Soil Boring Log is provided as Attachment B.

5. Excavation, Waste Management, and Confirmation Sampling

Due to the initial soil sampling activities exhibiting TPH and chloride concentrations above NMAC 19.15.29.13 Closure Criteria, GHD and EOG's contractor BDS Enterprise, LLC (BDS), mobilized to the Site on April 28, 2022, to excavate the affected soils. Excavation activities continued through June 20, 2022. As previously discussed, and approved by the NMOCD, the Site was divided into two areas; Area A and Area B. Area A Closure Criteria is for depth to groundwater less than fifty (50) feet. Area B Closure Criteria is for depth to groundwater greater than one hundred (100) feet.

Area A:

The final dimensions of Area A excavation measure approximately sixty (60) feet long, ranges in width from approximately twenty-five (25) to ninety-five (95) feet, and ranges from two (2) to twenty-two (22) feet deep. As shown on Figure 4, twenty-three (23) bottom hole (BH-1 through BH-23) and eighteen (18) sidewall (SW-1 through SW-11, SW-12, and SW-15 through SW-20) initial composite confirmation samples were collected. Bottomhole composite samples represented areas no larger than four hundred (400) square feet and sidewall composite samples represented area no larger than two hundred (200) square feet, as per NMOCD conditions of approval. All confirmation samples were taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated nine (9) bottom hole confirmation samples exhibited chloride concentrations above Table I Closure Criteria: BH-12, BH-13, BH-14, BH-15, BH-16, BH-17, BH-18, BH-19, and BH-21. Bottom hole confirmation sample BH-19 also exhibited TPH concentrations above Table I Closure Criteria. Analytical results indicated none of the remaining samples exhibited BTEX, TPH, or chloride concentrations above Table I Closure Criteria. Analytical results for confirmation samples are provided on Table 1 and in the Laboratory Analytical Reports provided in Attachment D.

Due to confirmation samples exhibiting chloride and TPH concentrations above Table I Closure Criteria, GHD and BDS returned to the Site on May 24, 2022, to further excavate the affected area. The area around BH-19 was further excavated one (1) foot deeper to twenty-one (21) feet total depth and resampled (BH-19A). Due to the depth of the chloride concentrations in the other bottom hole confirmation samples (twenty (20) feet deep), those concentrations were left in place and a twenty (20) millimeter synthetic liner was installed in the bottom of the excavation over the affected area (BH-12 through BH-21), as per the approved work plan. The confirmation sample was taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated the bottom hole confirmation sample exhibited TPH concentrations above Table I Closure Criteria: BH-19A. Analytical results for confirmation samples are provided on Table 1, and in the Laboratory Analytical Reports provided in Attachment D.

Due to confirmation sample BH-19A exhibiting TPH concentrations above Table I Closure Criteria, GHD and BDS returned to the Site on June 6, 2022, to further excavate the affected area. The area around BH-19 was further excavated one (1) foot deeper to twenty-two (22) feet total depth and resampled (BH-19B). The confirmation sample was taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated the bottom hole confirmation sample did not exhibit BTEX, TPH, or chloride concentrations above Table I Closure Criteria. Analytical results for confirmation samples are provided on Table 1 and in the Laboratory Analytical Reports provided in Attachment D.

Area B:

The final dimensions of Area B excavation measure approximately one hundred eighty-six (186) ft long, ranges in width from approximately ninety (90) to one hundred (100) feet, and ranges from four (4) to twenty-one (21) feet deep. As shown on Figure 4, eighty-five (85) bottom hole (BH-24 through BH-108) and twenty-seven (27) sidewall (SW-13, SW-14, and SW-21 through SW-45) composite confirmation samples were collected. Bottomhole composite samples represented areas no larger than four hundred (400) square feet and sidewall composite samples represented area no larger than two hundred (200) square feet, as per NMOCD conditions of approval. All confirmation samples were taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated two (2) bottom hole and six (6) sidewall confirmation samples exhibited TPH concentrations above Table I Closure Criteria: BH-28, BH-37, SW-26, SW-27, SW-31, SW-32, SW-41, and SW-42. Analytical results indicated none of the remaining samples exhibited BTEX, TPH,

or chloride concentrations above Table I Closure Criteria. Analytical results for confirmation samples are provided on Table 1 and in the Laboratory Analytical Reports provided in Attachment D.

Due to confirmation samples exhibiting chloride and TPH concentrations above Table I Closure Criteria, GHD and BDS returned to the Site on May 24, May 25, and June 6, 2022, to further excavate the affected areas. The area around BH-28 was further excavated one-half (0.5) foot deeper to six and one-half (6.5) feet total depth and resampled (BH-28A). The area around BH-37 was further excavated one-half (0.5) foot deeper to sixteen and one-half (16.5) feet total depth and resampled (BH-37A). Sidewalls with sidewall confirmation samples exhibiting TPH concentrations above Table I Closure Criteria were excavated further and resampled (SW-26A, SW-31A, SW-32A, SW-41A, and SW-42A). Confirmation samples were taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated one (1) of the sidewall confirmation samples exhibited TPH concentrations above Table I Closure Criteria: SW-41A. Analytical results indicated none of the remaining samples exhibited BTEX, TPH, or chloride concentrations above Table I Closure Criteria. Analytical results for confirmation samples are provided on Table 1 and in the Laboratory Analytical Reports provided in Attachment D.

Due to confirmation SW-41A exhibiting TPH concentrations above Table I Closure Criteria, GHD and BDS returned to the Site on June 20, 2022, to further excavate the affected area. The sidewall area where SW-41A was collected was further excavated and resampled (SW-41B). The confirmation sample was taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated the sidewall confirmation sample did not exhibit BTEX, TPH, or chloride concentrations above Table I Closure Criteria. Analytical results for confirmation samples are provided on Table 1 and in the Laboratory Analytical Reports provided in Attachment D.

Waste Management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of Form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (WM-1-035), Lea Land, LLC facility located at MM64, Highway 62/180 East, Carlsbad, NM, 88220. Approximately 10,988.53 tons of impacted soil were disposed at Lea Land, LLC, the waste manifests from May 2 through June 21, 2022, are available upon request and are not included in this report due to size of the file. A Daily Disposal Summary is provided as Table 2. A photographic log is included as Attachment C. Confirmation Sampling Notifications are provided at Attachment E.

6. nAPP2127156073 Closure Request

The excavation will be backfilled with non-impacted material at a future date. Site characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, GHD, on behalf of EOG, respectfully requests closure and no further regulatory actions for nAPP2127156073.

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

Sincerely,

GHD

Becky Haskell Senior Project Manager Nate Reece Environmental Scientist

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NR/bh/1

Encl. Figure 1 – Site Location Map

Figure 2 – Site Assessment: Soil Analytical Results Map

Figure 3 – Confirmation Sampling: Analytical Results Map

Table 1 – Summary of Soil Analytical Data Table 2 – Daily Soil Disposal Summary

Attachment A - Site Characterization Documentation

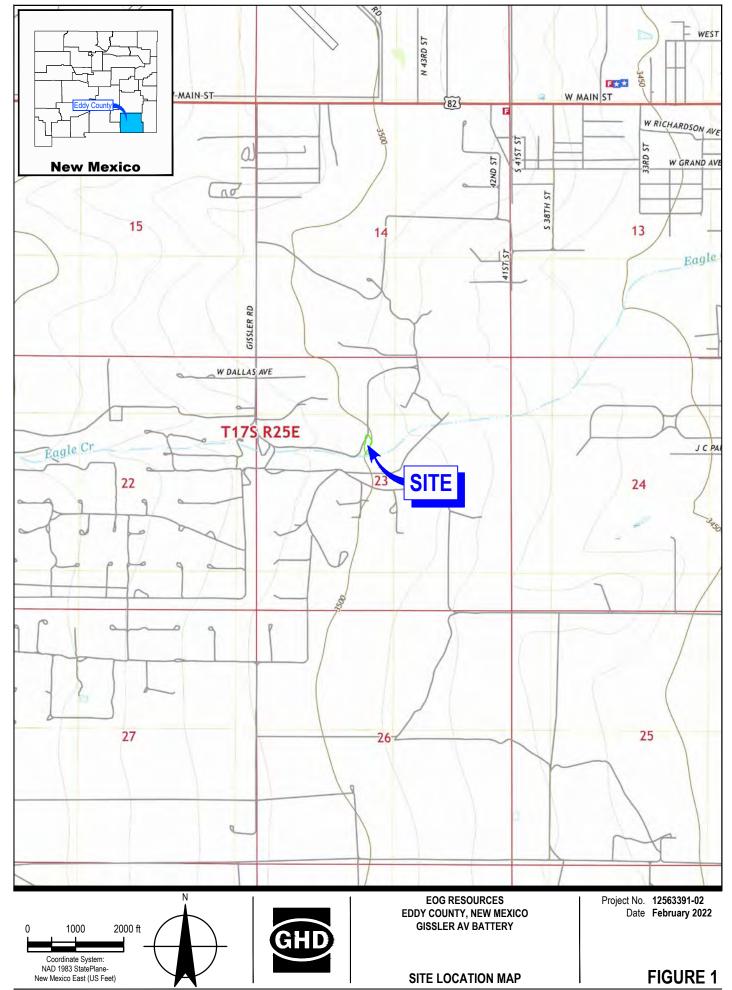
Attachment B – SB-1 Soil Boring Log Attachment C – Photographic Log

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

Attachment E - Confirmation Sampling Notifications

CC: Chase Settle

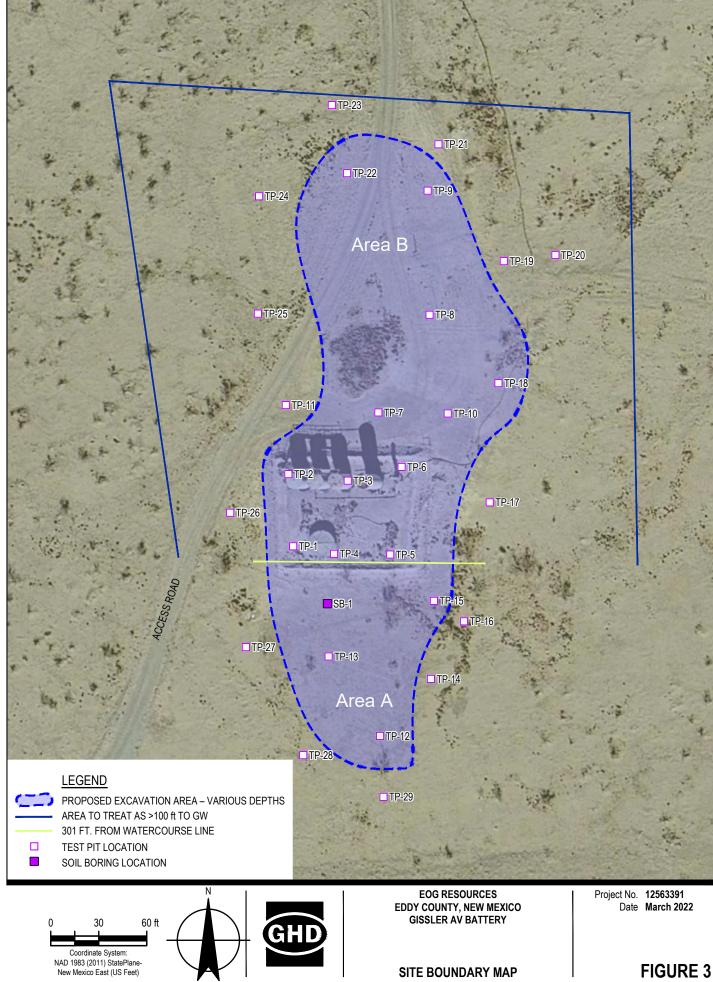
Figures



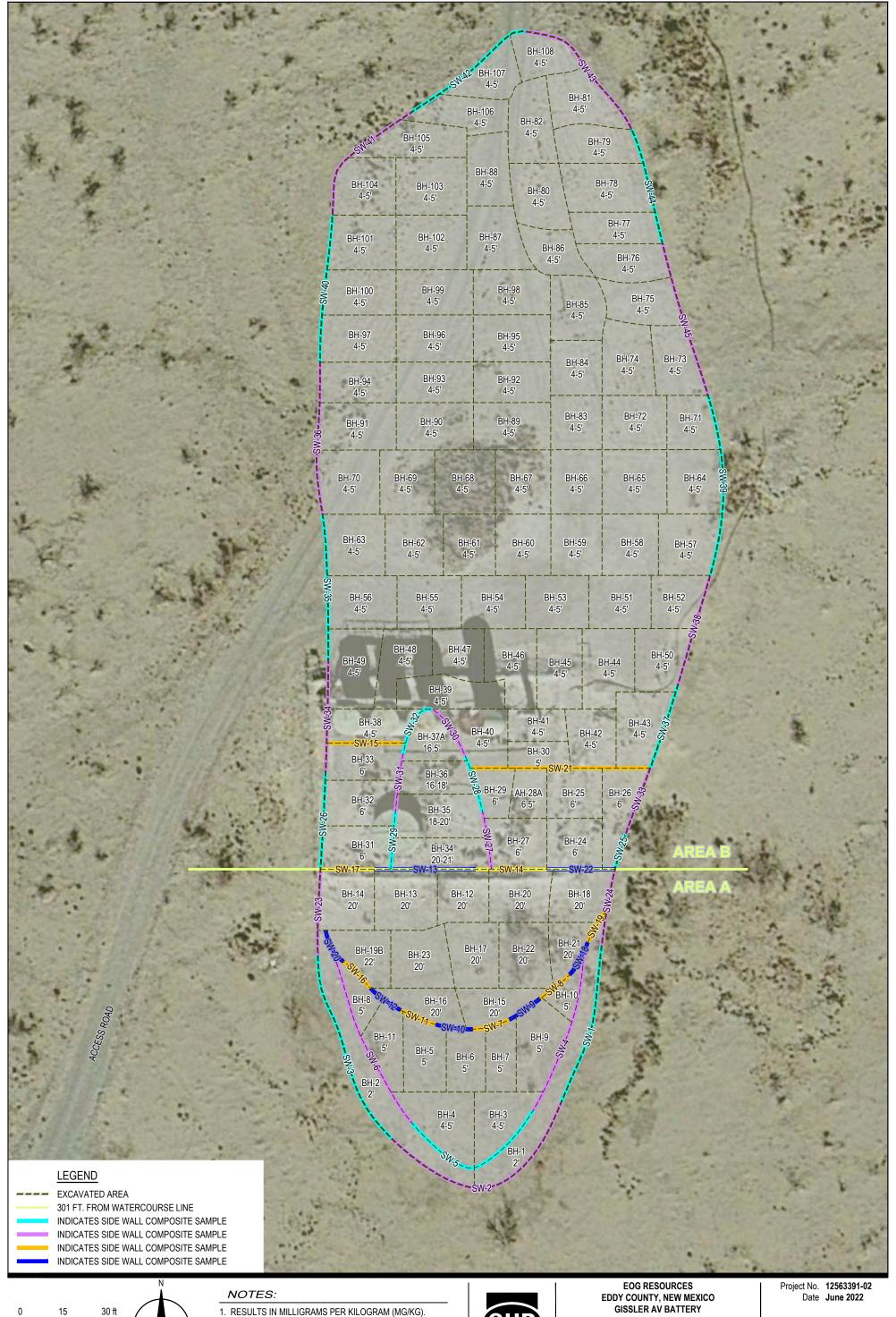
Filename: \\ghdnetghd\US\Midland\Projects\562\12563391\Digital_Design\ACAD\Figures\RPT001\12563391-GHD-0000-RPT-EN-0101_DL-001.dwg
Plot Date: 15 March 2022 9:18 PM

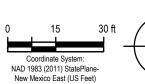
			Benzene	BTEX	Hydrocarbons (TPH)	Chloride				Benzene	BTEX	Hydrocarbons (TPH) Total	Chloride				Benzene	BTEX	Hydrocarbons (TPH)	Chloride		4	□TP-23	THE W		1	7.06	
Sample ID	Sample Date	Depth (ft bgs)			Total GRO/DRO/MRO		Sample ID	Sample Date	Depth (ft bgs)	, , ,	,	GRO/DRO/MRO		Sample ID	Sample Date	Depth (ft bgs)			GRO/DRO/MRO		Way Sales		124		7 9 70			
	Date	(It bys)		Closure Criter	(mg/kg) ia for Soils <50 feet ter 19.15.29 NMAC	(mg/kg) t Depth to		Date	(IL bys)			(mg/kg) a for Soils <50 feet l er 19.15.29 NMAC	(mg/kg) Depth to		Date	(ii bys)			(mg/kg) ia for Soils <50 feet er 19.15.29 NMAC	(mg/kg) t Depth to					□ TP-21	45.	*	-
			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	100 mg/kg	600 mg/kg			□ TP-22			100	1	
				amples - Test F				T		The state of	mples - Test P				Luciales		Soil Boring S	SANTARE .			3640				TP-9	13.5	1	
TP1-S	9/28/2021	Surface	<0.024	<0.097	244	<60	TP13-2	10/20/2021	2	<0.12	<0.47	3,900	870	SB-1-5	1/4/2022	5	<0.12	<0.49	2,800	1,400	□ TP-24				111-5	100	1 115	
TP1-2	9/28/2021	2	<0.024	<0.098	<48	<60	TP13-6 TP13-10	10/20/2021	10	<0.12	<0.48	4,300 1,290	790 1,600	SB-1-10	1/4/2022	10	<0.025	<0.10	<49 <49	2,100	961323		35 9 /5			34	1	2
TP2-S	9/28/2021	Surface	<0.12	<0.49	2,480	<60	TP13-15		15	<0.025 <0.025	<0.099	266	2,600	SB-1-15 SB-1-20	1/4/2022	20	<0.12	<0.50	105	1,200							1	
TP2-2	9/28/2021	2	<0.024	<0.096	1,490	<60	TP13-18	10/20/2021	18	<0.024	<0.096	83	2,700	SB-1-25	1/4/2022	25	<0.025	<0.098	13	4,000	35			11			I have	
TP2-4	9/28/2021	4	<0.025	<0.098	<49	<59	TP13-20	10/20/2021	20	<0.024	<0.097	<49	2,400	SB-1-30	1/4/2022	30	<0.025	<0.099	<48	2,600	1800					_ □T	TP-19 □TF	2-20
TP3-4	9/28/2021	4	<0.12	<0.49	3,400	2,400	TP14-S	10/20/2021	Surface	<0.025	<0.10	<49	<60	SB-1-35	1/4/2022	35	<0.024	<0.096	<49	5,100	2							
TP3-8	9/28/2021	8	<0.12	<0.48	18,770	3,000	TP14-2	10/20/2021	2	<0.025	<0.099	<50	<60	SB-1-40	1/4/2022	40	<0.024	<0.096	<48	5,100		30			1 6 6			122
TP3-12	9/28/2021	12	<0.12	<0.49	5,000	2,500				7000 W7004				SB-1-45	1/4/2022	45	<0.025	<0.098	<47	7,700	-		13/21					45
TP3-16	9/28/2021	16	<0.12	<0.50	<48	330	TP15-2	10/20/2021	2	<0.12	<0.50	9,100	1,600	SB-1-50	1/4/2022	50	<0.11	<0.46	156	5,100	□ TP-25	5	/3 Sa h	-	TP-8			7
TP3-20	9/28/2021	20	<0.12	<0.47	<48	360	TP15-6	10/20/2021	10	<0.024	<0.095	<50 <48	1,000	SB-1-60	1/4/2022	60	<0.12	<0.48	<49	3,100	4 3 5					700	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
TP4-2	9/28/2021	2	<0.12	<0.49	9,000	84	TP15-10 TP15-14	10/20/2021	14	<0.025 <0.023	<0.099	<49	990	SB-1-70	1/4/2022	70	<0.024	<0.095	<50	2,300							A 4.	
TP4-4	9/28/2021	4	<0.12	<0.50	1,890	89	TP15-16	10/20/2021	16	<0.023	<0.093	<50	440	SB-1-80	1/4/2022	80	<0.023	<0.091	<46	990	19/7		4			1 25		
TP4-8	9/28/2021	8	<0.12	<0.49	1,710	85		I I I I I I I I I I I I I I I I I I I						SB-1-90	1/4/2022	90	<0.023	<0.091	<47	5,100	\$ 2 V						140	
TP4-14	9/28/2021	14	<0.12	<0.48	88	120	TP16-S	10/20/2021	Surface	<0.024	<0.096	<49	<60	SB-1-100		100	<0.024	<0.095	<46	1,600	35 / 9			ASSESSED BY		□TP-	-18	
TP4-20	9/28/2021	20	0.28	34.78	5,900	170	TP16-2	10/20/2021	2	<0.024	<0.096	<48	<59	SB-1-110 SB-1-120		110	<0.024	<0.098	35	530	11/1/2	□TP-11 🖊		TD 7				
TP5-2	9/29/2021	2	<0.024	<0.095	710	380	TP17-S	10/21/2021	Surface	<0.024	<0.097	<47	<60	SB-1-125	A 5 - 7 - 5 - 5 - 5	125	<0.023	<0.094	16	840	17.30			□TP-7	□TP-10			
TP5-8	9/29/2021	8	<0.023	<0.093	720	450	TP17-2	10/21/2021	2	<0.024	<0.096	<48	73	SB-1-130		130	<0.024	<0.097	<47	170				Land of the			S	
TP5-16	9/29/2021	16	<0.024	<0.096	<46	<60	TP18-S	10/21/2021	Surface	<0.023	<0.094	114	<3.0	SB-1-135	1/7/2022	135	<0.025	<0.098	<48	65		8 1 -		2				
TP5-20	9/29/2021	20	<0.023	<0.092	82	-	TP18-2	10/21/2021	2	<0.024	<0.096	<50	<60	Sales .	MANUTE I	-	CHIEF THE	State P	S-1927/000	555 BW		4 1	1 18	□TP-6				
TP6-4	9/29/2021	4	<0.024	<0.097	2,170	930	TP19-2	10/21/2021	2	<0.023	<0.093	<49	560					P		3000		□TP-2	□ TIP-3	5-7/	felt .		2000年1	
TP6-8	9/29/2021	8	<0.024	<0.098	<47	1,100	TP19-4	10/21/2021	4	<0.024	<0.097	<48	62	1						and the		TO THE	SOLD STATE	The Mary Co			355	
TP6-12	9/29/2021	12	<0.024	<0.097	<50	640	TP20-S	10/21/2021	Surface	<0.023	<0.094	<48	<60		5	222	· 1500			In the said	P-26	63	16.0			□TP-17	1	-
TP6-16	9/29/2021	16	<0.12	<0.50	<49	180	TP20-2	10/21/2021	2	<0.025	<0.099	<47	120			33	1				F-20	No.		to the		1.	1000	
TP6-18	9/29/2021	18	<0.12	<0.48	<49	-	TP21-S	10/21/2021	Surface	<0.023	<0.093	75	<60	177.55	4	1 1		12/15/2	1995 T	12: 12	130 T		A TOTAL		SEA		100	200
TP6-20	9/29/2021	20	<0.023	<0.093	<48	-	TP21-2	10/21/2021	2	<0.023	<0.095	<47	77	The state of the s		N.		100		The state of		□TP-1	□TP-4	□TP-5			L	3
TP7-2	9/29/2021	2	<0.024	<0.096	<50	930														2		120 m	-	المعطف	120		X 20 10	
TP7-8	9/29/2021	8	<0.024	<0.097	<50	1,200	TP22-2	10/21/2021	2	<0.024	<0.097	<49	860 430			Service of the last of the las			OAO				Sale Marie			MESS SE		133
TP7-12	9/29/2021	12	<0.023	<0.094	<49	190	TP22-4 TP22-6	10/21/2021	6	<0.024 <0.024	<0.095 <0.095	<49 <48	210		1		1	5000	is R			6/2			□ TD45	223	A 300	200
TP7-14	9/29/2021	14	<0.025	<0.099	<48	-								City Con	1 72	L			SCESS.	The same of the sa	100		SB-1	The same	111-313		200	
TP8-2	9/29/2021	2	<0.024	<0.098	<48	1,100	TP23-S	10/21/2021	Surface	<0.025	<0.10	<48	<60			7-1-5		1032	¥					30	, DI	P-16	0.4% · 2	5
TP8-6	9/29/2021	6	<0.025	<0.10	<49	1,300	TP23-2	10/21/2021	2	<0.024	<0.095	<48	<60	570		-		1000	1000		-TD 07				15 SE	- 7	STATE OF STA	4
TP8-10	9/29/2021	10	<0.023	<0.093	<49	1,300 630	TP24-S	10/21/2021	Surface	<0.023	<0.093	<47	<60		.4.	3000	1	Mar.	10 373		□TP-27		□TP-13		3	25	35 32	180
TP8-14 TP8-16	9/29/2021	14 16	<0.024	<0.096 <0.093	<49 <46	030	TP24-2	10/21/2021	2	<0.023	<0.093	<50	260	100		*		100							20			
							TP25-S	10/21/2021	Surface	<0.023	<0.094	<45	<60				10.6	250			The Te	A CANADA			TP-14		3250	
TP9-2	9/29/2021	2	<0.024	<0.096	<47	1,800	TP25-2	10/21/2021	2	<0.024	<0.098	<48	140		2000	A PERSON NAMED IN	1000	1000	1		No.				"老品"			
TP9-6	9/29/2021	6	<0.025 <0.024	<0.099 <0.095	<50 <47	1,700 120	TP26-S	10/21/2021	Surface	<0.023	<0.093	<47	<60		LEGEN	<u>1D</u>			200	7	1. 3			5550 72	\$ 99			4
TP9-10 TP9-12	9/29/2021	12	<0.024	<0.095	<50	120	TP26-2	10/21/2021	2	<0.024	<0.097	<48	<60				ATION AREA	- VARIOUS	DEPTHS	1/200				i	-	200		23.3
						-	TP27-S	10/21/2021	Surface	<0.024	<0.098	<47	150			T LOCATION			-		4553			□TP-12			ET ()	8
TP10-2	9/29/2021	2	<0.025	<0.098	<48	2,400	TP27-2	10/21/2021	2	<0.024	<0.094	<48	<60	DEDTU		RING LOCA			27			□TP-28	3				44	
TP10-6	9/29/2021	6	<0.025	<0.099	<47	1,900	TP28-S	10/21/2021	Surface	<0.024	<0.097	<47	<60	DEPTH BTEX		OF SAMPLE	E, ETHYLBEN	NZENE &	1							The state of		1
TP10-8	9/29/2021	8	<0.024	<0.094	<49	110	TP28-2	10/21/2021	2	<0.024	<0.097	<51	<61	BILX			TRATION (MC		33	1	4			The state of		No. of the last	San San	
TP10-9	9/29/2021	9	<0.025	<0.099	<45	-								TPH	TOTAL F	PETROLEUN	/ HYDROCAF		1	3.6	200		3700	□TP-29		No.	13	7
TP11-S	9/29/2021	Surface	<0.024	<0.094	<46	<60	TP29-S	10/21/2021	Surface	<0.024	<0.097	<49	<60		CONCE	NTRATION (MG/KG)		200	3707	90000		9	W. Carlot		THE REAL PROPERTY.	383	7
TP11-2	9/29/2021	2	<0.025	<0.10	<48	210	TP29-2	10/21/2021	2	<0.023	<0.094	<48	<60						N	1	ı		EOG RESO	OURCES	ı	Project	: No. 12563391-0	02
TP12-2	10/20/2021	2	<0.025	<0.10	<48	130		NOT	TES:									_				E	DDY COUNTY,	NEW MEXICO			Date March 2022	
TP12-4	10/20/2021	4	<0.024	<0.096	450	410		1. RESU	LTS IN MILL	IGRAMS PEI	R KILOGRAN	I (MG/KG).			0	. #	# ####	# /		GI	13		GISSLER AV	/ BATTERY				
TP12-6	10/20/2021	6	<0.024	<0.096	<49	<60]	2. SEE 1	ABLE 1 FOR	R FULL ANAL	YTICAL RES	SULTS/DETAILS.			ŀ			+			וע							
											ICATE EXCE					Coordinate NAD 1983 (2011	1) StatePlane-						SITE ASSE				FIALIE	. - 4
	L BUOME II		D	DIE: IDDT00110	2500004 OUD 0000 227 5	N 0404 DI 004 :										New Mexico Ea	ast (US Feet)		7	I		SOIL A	ANALYTICA	L RESULTS	MAP		FIGURI	

to Imaging: 7/12/2022 4:23:55 PM



Received by OCD: 6/30/2022 3:23:56 PM





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



CONFIRMATION SAMPLING: SOIL ANALYTICAL RESULTS MAP

FIGURE 4

Tables

					, -	ounty, New Mc						
0	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	MRO	Total	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(C6-C10) (mg/kg)	(C10-C28) (mg/kg)	(C28-C35) (mg/kg)	GRO/DRO/MRO (mg/kg)	(mg/kg)
			(ilig/kg)	(ilig/kg)					oundwater 19.1		(ilig/kg)	(ilig/kg)
Sample ID			10 mg/kg				50 mg/kg				100 mg/kg	600 mg/kg
	'	'	'	'	Initial Assess	sment Samples	- Test Pit	'	'	'		
TP12-2	10/20/2021	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<48	130
TP12-4	10/20/2021	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	140	310	450	410
TP12-6	10/20/2021	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<49	<49	<60
TP13-2	10/20/2021	2	<0.12	<0.24	<0.24	<0.47	<0.47	<24	1,200	2,700	3,900	870
TP13-6	10/20/2021	6	<0.12	<0.24	<0.24	<0.48	<0.48	<24	1,200	3,100	4,300	790
TP13-10	10/20/2021	10	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	390	900	1,290	1,600
TP13-15	10/20/2021	15	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	96	170	266	2,600
TP13-18	10/20/2021	18	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	22	61	83	2,700
TP13-20	10/20/2021	20	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<49	<49	2,400
TP14-S	10/20/2021	Surface	<0.025	<0.050	<0.0050	<0.10	<0.10	<5.0	<9.7	<49	<49	<60
TP14-2	10/20/2021	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<50	<50	<60
TP15-2	10/20/2021	2	<0.12	<0.25	<0.25	<0.50	<0.50	<25	4,600	4,500	9,100	1,600
TP15-6	10/20/2021	6	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<10	<50	<50	1,000
TP15-10	10/20/2021	10	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<48	<48	1,600
TP15-14	10/20/2021	14	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.8	<49	<49	990
TP15-16	10/20/2021	16	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<50	<50	440
TP16-S	10/20/2021	Surface	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<49	<49	<60
TP16-2	10/20/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<48	<48	<59
TP27-S	10/21/2021	Surface	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	150
TP27-2	10/21/2021	2	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.7	<48	<48	<60
TP28-S	10/21/2021	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.5	<47	<47	<60
TP28-2	10/21/2021	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<51	<51	<61
TP29-S	10/21/2021	Surface	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.8	<49	<49	<60

						,						
Sample ID	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(TPH) Total GRO/DRO/MRO	Chloride
Gampie 15	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			(3 3)	, , ,	Table I	Closure Criteri	a for Soils <50		roundwater 19.1		(5 5)	, 5 5,
			10 mg/kg				50 mg/kg				100 mg/kg	600 mg/kg
TP29-2	10/21/2021	2	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.7	<48	<48	<60
					Soil	Boring Sample	es					
SB-1-5	1/4/2022	5	<0.12	<0.24	<0.24	<0.49	<0.49	<24	1,100	1,700	2,800	1,400
SB-1-10	1/4/2022	10	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<49	2,100
SB-1-15	1/4/2022	15	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<49	<49	2,600
SB-1-20	1/4/2022	20	<0.12	<0.25	<0.25	<0.50	<0.50	<25	51	54	105	1,200
SB-1-25	1/4/2022	25	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	13	<49	13	4,000
SB-1-30	1/4/2022	30	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<48	<48	2,600
SB-1-35	1/4/2022	35	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<49	<49	5,100
SB-1-40	1/4/2022	40	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<48	<48	5,100
SB-1-45	1/4/2022	45	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	7,700
SB-1-50	1/4/2022	50	<0.11	<0.23	<0.23	<0.46	<0.46	<23	46	110	156	5,100
SB-1-60	1/4/2022	60	<0.12	<0.24	<0.24	<0.48	<0.48	<24	<9.7	<49	<49	3,100
SB-1-70	1/4/2022	70	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.9	<50	<50	2,300
SB-1-80	1/4/2022	80	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<9.1	<46	<46	990
SB-1-90	1/4/2022	90	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<9.4	<47	<47	5,100
SB-1-100	1/4/2022	100	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.4	<47	<47	1,600
SB-1-110	1/5/2022	110	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<46	<46	1,000
SB-1-120	1/5/2022	120	<0.12	<0.23	<0.23	<0.47	<0.47	<23	35	<42	35	530
SB-1-125	1/5/2022	125	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	16	<50	16	840
SB-1-130	1/5/2022	130	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.3	<47	<47	170
SB-1-135	1/5/2022	135	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<48	<48	65
					Bottom Hole	e Confirmation	Samples					
BH-1	5/4/2022	2	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.6	<48	<48	110
BH-2	5/4/2022	2	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<48	<48	120
BH-3	5/4/2022	4-5	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<10	<50	<50	69

			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX		Total Petroleum	Hydrocarbons	(TPH)	Chloride
Sample ID	Sample Date	Depth (ft bgs)		7 01000110		ny,		GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
	Date	(It bys)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I	Closure Criteri	a for Soils <50	feet Depth to Gr	oundwater 19.1	5.29 NMAC		
			10 mg/kg				50 mg/kg				100 mg/kg	600 mg/kg
BH-4	5/4/2022	4-5	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.8	<49	<49	66
BH-5	5/4/2022	5	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<47	<47	74
BH-6	5/4/2022	5	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.8	<49	<49	60
BH-7	5/4/2022	5	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	120
BH-8	5/4/2022	5	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.9	<49	<49	<60
BH-9	5/4/2022	5	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<49	<49	210
BH-10	5/4/2022	5	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.4	<47	<47	96
BH-11	5/4/2022	5	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<50	<50	98
BH-12	5/9/2022	20	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	930
BH-13	5/9/2022	20	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<49	<49	1,200
BH-14	5/9/2022	20	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<49	<49	2,000
BH-15	5/9/2022	20	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<47	<47	5,700
BH-16	5/9/2022	20	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<48	<48	1,100
BH-17	5/9/2022	20	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.8	<49	<49	2,500
BH-18	5/11/2022	20	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	25	<50	25	1,700
BH-19	5/11/2022	20	<0.024	 	<0.049	<0:097	<0:097	Z\$+.Q	68	52/	120	820
BH-19A	5/24/2022	24	<0.024	<0.948_	<0.048	<0:096	<0:096	₹\$.8 	68_	75	143	1,200
BH-19B	6/6/2022	22	<0.016	<0.031	<0.031	<0.062	<0.062	<3.1	<15	<49	<49	1,700
BH-20	5/11/2022	20	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<50	<50	230
BH-21	5/11/2022	20	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	13	<49	13	680
BH-22	5/11/2022	20	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<50	<50	440
BH-23	5/11/2022	20	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<50	<50	370
					Sidewall (Confirmation Sa	amples					
SW-1	5/4/2022	Sidewall	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.2	<46	<46	<60
SW-2	5/4/2022	Sidewall	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.3	<46	<46	<60
SW-3	5/4/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	<60

					Summary Gis EC	able 1 - Area A of Soil Analytic sler AV Battery OG Resources ounty, New Me	•					
				Taluana	Estadhannana	Vidanaa	DIEV		Total Petroleum	Hvdrocarbons	(TPH)	Chloride
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Cnioriae
	Date	(11 2g3)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I			eet Depth to G	roundwater 19.1	5.29 NMAC		
			10 mg/kg				50 mg/kg				100 mg/kg	600 mg/kg
SW-4	5/4/2022	Sidewall	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.6	<48	<48	87
SW-5	5/4/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<48	<48	160
SW-6	5/4/2022	Sidewall	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.9	<50	<50	66
SW-7	5/9/2022	Sidewall	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.7	<49	<49	<60
SW-8	5/9/2022	Sidewall	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<48	<48	300
SW-9	5/9/2022	Sidewall	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.7	<48	<48	420
SW-10	5/9/2022	Sidewall	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.8	<49	<49	310
SW-11	5/9/2022	Sidewall	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.3	<46	<46	350
SW-12	5/9/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<50	<50	300
SW-15	5/11/2022	Sidewall	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<48	<60
SW-16	5/12/2022	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<48	<48	83
SW-17	5/12/2022	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<48	<48	66
SW-18	5/12/2022	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<49	<49	140
SW-19	5/12/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<50	<50	110
SW-20	5/12/2022	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<48	<48	<60

Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less than Reporting Limit (RL)
- 3. Bold Indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B.
 TPH analyses by EPA Method SW 8015 Mod.

B-BH-2 Sample Point Excavated

- 6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oi
- 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. Liner installed over area as per the approved work plan

		1							Total Dated	I la relución de la contraction	/TDU\	<u> </u>
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	Total Petroleum DRO (C10-C28)	MRO (C28-C35)	(TPH) Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			10 mg/kg		Table I C	Closure Criteria	for Soils >100 50 mg/kg	feet Depth to G	roundwater 19.	15.29 NMAC	2,500 mg/kg	20,000 mg/l
			To mg/kg			sment Samples	<u> </u>				2,500 mg/kg	20,000 mg//
TP1-S	9/28/2021	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	44	200	244	<60
TP1-2	9/28/2021	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	<60
TP2-S	9/28/2021	Surface	<0.12	<0.25	<0.25	<0.49	<0.49	<25	580	1,900	2,480	<60
TP2-2	9/28/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	290	1,200	1,490	<60
TP2-4	9/28/2021	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	<59
TP3-4	9/28/2021	4	<0.12	<0.24	<0.24	<0.49	<0.49	<24	1,100	2,300	3,400	2,400
TP3-8	9/28/2021	8	<0.12	<0.24	<0.24	<0.48	<0.48	70	11,000	7,700	18,770	3,000
TP3-12	9/28/2021	12	<0.12	<0.24	<0.24	<0.49	<0.49	<24	1,900	3,100	5,000	2,500
TP3-16	9/28/2021	16	<0.12	<0.25	<0.25	<0.50	<0.50	<25	<9.6	<48	<48	330
TP3-20	9/28/2021	20	<0.12	<0.24	<0.24	<0.47	<0.47	<24	<9.7	<48	<48	360
TP4-2	9/28/2021	2	<0.12	<0.24	<0.24	<0.49	<0.49	<24	2,000	7,000	9,000	84
TP4-4	9/28/2021	4	<0.12	<0.25	<0.25	<0.50	<0.50	<25	290	1,600	1,890	89
TP4-8	9/28/2021	8	<0.12	<0.25	<0.25	<0.49	<0.49	<25	310	1,400	1,710	85
TP4-14	9/28/2021	14	<0.12	<0.24	<0.24	<0.48	<0.48	<24	12	76	88	120
TP4-20	9/28/2021	20	0.28	<0.24	8.5	26	34.78	850	3,900	2,000	6,750	170
TP5-2	9/29/2021	2	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	110	600	710	380
TP5-8	9/29/2021	8	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	120	600	720	450
TP5-16	9/29/2021	16	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.2	<46	<46	<60
TP5-20	9/29/2021	20	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	18	64	82	-
TP6-4	9/29/2021	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	570	1,600	2,170	930
TP6-8	9/29/2021	8	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<47	<47	1,100
TP612	9/29/2021	12	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<50	<50	640
TP6-16	9/29/2021	16	<0.12	<0.25	<0.25	<0.50	<0.50	<25	<9.9	<49	<49	180
TP6-18	9/29/2021	18	<0.12	<0.24	<0.24	<0.48	<0.48	<24	<9.8	<49	<49	-
TP6-20	9/29/2021	20	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.6	<48	<48	-

Table 1 - Area B Summary of Soil Analytical Data Gissler AV Battery EOG Resources Eddy County, New Mexico

									Total Petroleum	Hydrocarbo <u>ns</u>	(TPH)	
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I (Closure Criteria		feet Depth to G	roundwater 19.	15.29 NMAC		
			10 mg/kg				50 mg/kg				2,500 mg/kg	20,000 mg/kg
TP7-2	9/29/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<50	<50	930
TP7-8	9/29/2021	8	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.9	<50	<50	1,200
TP7-12	9/29/2021	12	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.9	<49	<49	190
TP7-14	9/29/2021	14	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<48	<48	-
TP8-2	9/29/2021	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	1,100
TP8-6	9/29/2021	6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<49	1,300
TP8-10	9/29/2021	10	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.8	<49	<49	1,300
TP8-14	9/29/2021	14	<0.024	<0.047	<0.047	<0.096	<0.096	<4.8	<9.9	<49	<49	630
TP8-16	9/29/2021	16	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.2	<46	<46	-
TP9-2	9/29/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<47	<47	1,800
TP9-6	9/29/2021	6	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<50	<50	1,700
TP9-10	9/29/2021	10	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.3	<47	<47	120
TP9-12	9/29/2021	12	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<50	<50	-
TP10-2	9/29/2021	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	2,400
TP10-6	9/29/2021	6	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.3	<47	<47	1,900
TP10-8	9/29/2021	8	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.7	<49	<49	110
TP10-9	9/29/2021	9	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.1	<45	<45	-
TP11-S	9/29/2021	Surface	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.3	<46	<46	<60
TP11-2	9/29/2021	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<48	<48	210
TP17-S	10/21/2021	Surface	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.3	<47	<47	<60
TP17-2	10/21/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<48	<48	73
TP18-S	10/21/2021	Surface	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	14	100	114	<3.0
TP18-2	10/21/2021	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<50	<50	<60
TP19-2	10/21/2021	2	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<49	<49	560
TP19-4	10/21/2021	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<48	<48	62

Table 1 - Area B Summary of Soil Analytical Data Gissler AV Battery EOG Resources Eddy County, New Mexico

П	1	1	1			ounty, New Me	i	1	Tarial Darimalanum	. I lead on a serie serie	/TDU	
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I (Closure Criteria		feet Depth to G	roundwater 19.	15.29 NMAC		
			10 mg/kg				50 mg/kg				2,500 mg/kg	20,000 mg/kg
TP20-S	10/21/2021	Surface	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.5	<48	<48	<60
TP20-2	10/21/2021	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<47	<47	120
TP21-S	10/21/2021	Surface	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.4	75	75	<60
TP21-2	10/21/2021	2	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.3	<47	<47	77
TP22-2	10/21/2021	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.8	<49	<49	860
TP22-4	10/21/2021	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.7	<49	<49	430
TP22-6	10/21/2021	6	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.6	<48	<48	210
TP23-S	10/21/2021	Surface	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<48	<60
TP23-2	10/21/2021	2	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.7	<48	<48	<60
TP24-S	10/21/2021	Surface	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.4	<47	<47	<60
TP24-2	10/21/2021	2	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<10	<50	<50	260
TP25-S	10/21/2021	Surface	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.0	<45	<45	<60
TP25-2	10/21/2021	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	140
TP26-S	10/21/2021	Surface	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.4	<47	<47	<60
TP26-2	10/21/2021	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.6	<48	<48	<60
					Bottom Hole	Confirmation	Samples					
BH-24	5/12/2022	6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	200	110	310	410
BH-25	5/12/2022	6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	240	260	500	5,700
BH-26	5/12/2022	6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.7	<49	<49	860
BH-27	5/12/2022	6	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<47	<47	1,900
BH-28	5/12/2022	- 6	20.12	₹0:24	₹0:24	₹0:49	₹0:49	22 4	2,800	1,600	4,400	3;000
BH-28A	5/24/2022	6.5	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	200	320	520	1,900
BH-29	5/12/2022	6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	240	380	620	3,100
BH-30	5/12/2022	5	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	21	<48	21	2,100
BH-31	5/12/2022	6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	26	<48	26	1,800

									Total Petroleum	Hydrocarbons	(TPH)	
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I (Closure Criteria		feet Depth to G	roundwater 19.			
			10 mg/kg				50 mg/kg				2,500 mg/kg	20,000 mg/kg
BH-32	5/12/2022	6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<50	<50	1,400
BH-33	5/12/2022	5-6	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	98	110	210	3,000
BH-34	5/16/2022	20-21	<0.12	<0.25	<0.25	<0.50	<0.50	<25	690	400	1,100	380
BH-35	5/16/2022	18-20	<0.12	<0.24	<0.24	<0.48	<0.48	<24	480	550	1,000	520
BH-36	5/16/2022	16-18	<0.12	<0.25	<0.25	<0.50	<0.50	<25	650	740	1,400	300
BH-37	5/16/2022	16	₹0.42	₹0:25	₹0:25	1:5	1:5	45	2,100	1,600	3,700	330_
BH-37A	5/25/2022	16.5	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<48	<48	370
BH-38	5/17/2022	4-6	<0.12	<0.25	<0.25	<0.49	<0.49	<25	580	580	1,160	1,100
BH-39	5/18/2022	4-6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	140	240	380	610
BH-40	5/18/2022	4-6	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	210	430	640	790
BH-41	5/18/2022	4-6	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	360	1,100	1,460	790
BH-42	5/18/2022	4-6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	59	130	189	670
BH-43	5/18/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<48	<48	2,400
BH-44	5/18/2022	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	25	95	120	930
BH-45	5/18/2022	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<47	<47	810
BH-46	5/18/2022	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.6	<48	<48	1,200
BH-47	5/18/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<47	<47	240
BH-48	5/18/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	89	150	239	2,100
BH-49	5/18/2022	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.7	<48	<48	1,600
BH-50	5/18/2022	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<49	<49	1,700
BH-51	5/18/2022	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	38	65	103	1,900
BH-52	5/18/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	40	84	124	1,900
BH-53	5/19/2022	4	<0.12	<0.24	<0.24	<0.48	<0.48	<24	280	280	560	1,200
BH-54	5/19/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	130	110	240	1,400
BH-55	5/19/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<47	<47	780
BH-56	5/19/2022	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	28	52	80	470
BH-57	5/19/2022	4	<0.12	<0.23	<0.23	<0.46	<0.46	<23	80	91	171	950

Table 1 - Area B Summary of Soil Analytical Data Gissler AV Battery EOG Resources Eddy County, New Mexico

									Total Petroleum	Hydrocarbons	(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	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			40 "						roundwater 19.		0.500 "	00.000 /
			10 mg/kg				50 mg/kg				2,500 mg/kg	20,000 mg/
BH-58	5/19/2022	4	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	42	67	109	550
BH-59	5/19/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	53	80	133	820
BH-60	5/20/2022	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	220	170	390	280
BH-61	5/20/2022	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<48	<48	820
BH-62	5/20/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	15	<49	15	550
BH-63	5/20/2022	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	85	80	165	1,900
BH-64	5/20/2022	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	16	<50	16	340
BH-65	5/20/2022	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	76	100	176	660
BH-66	5/20/2022	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	95	110	205	930
BH-67	5/20/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	470
BH-68	5/20/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	210	210	420	800
BH-69	5/20/2022	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	340	200	540	510
BH-70	5/24/2022	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<8.9	<44	<44	300
BH-71	5/24/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	9.1	<45	9.1	1,700
BH-72	5/24/2022	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	43	<44	43	1,800
BH-73	5/24/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	28	<48	28	700
BH-74	5/24/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	64	57	121	720
BH-75	5/24/2022	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	130	130	260	990
BH-76	5/24/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	96	69	165	1,300
BH-77	5/24/2022	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	100	120	220	710
BH-78	5/24/2022	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	380	320	700	1,600
BH-79	5/24/2022	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	120	140	260	1,500
BH-80	5/24/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	47	<48	47	1,200
BH-81	5/25/2022	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.7	<49	<49	920
BH-82	5/25/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<49	<49	440
BH-83	5/25/2022	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.8	<49	<49	630
BH-84	5/25/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<46	<46	510

									Total Petroleum	Hydrocarbons 1 4 1	(TPH)	
Sample ID	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Sample ID Sample Date Sample								0.500 #	22.222			
			10 mg/kg				50 mg/kg				2,500 mg/kg	20,000 mg
BH-85	5/25/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50	960
BH-86	5/25/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<46	680
BH-87	5/25/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<46	1,200
BH-88	5/25/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	75
BH-89	6/6/2022	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	56	80	136	980
BH-90	6/6/2022	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	32	56	88	970
BH-91	6/6/2022	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	36	65	101	1,100
BH-92	6/6/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	35	72	107	1,100
BH-93	6/6/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<14	<48	<48	590
BH-94	6/6/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<50	1,700
BH-95	6/6/2022	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	33	51	84	680
BH-96	6/6/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	17	<47	17	810
BH-97	6/6/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	92	130	222	1,400
BH-98	6/6/2022	4	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	37	72	109	970
BH-99	6/6/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<47	<47	240
BH-100	6/6/2022	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<14	<47	<47	150
BH-101	6/6/2022	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<48	550
BH-102	6/6/2022	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<14	<47	<47	250
BH-103	6/6/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<48	<48	360
BH-104	6/6/2022	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<14	<48	<48	770
BH-105	6/6/2022	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<15	<50	<50	1,600
BH-106	6/6/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<15	<50	<50	1,100
BH-107	6/6/2022	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<15	<50	<50	1,200
BH-108	6/6/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	33	76	109	630
						Confirmation Sa						
SW-13	5/10/2022	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	150	200	990	990
SW-14	5/10/2022	Sidewall	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	48	104	1,600	1,600

					Ludy 0	ounty, New Me.	AICC					
					Ethylbenzene		BTEX		Total Petroleum	Hydrocarbons	(TPH)	Chloride
Sample ID	Sample	Depth	Benzene	Toluene		Xylenes		GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			40 mg/kg		Table I	losure Criteria		feet Depth to G	roundwater 19.1	5.29 NWAC	2 E00 ma/ka	20 000 ma/k
0111.04	5/40/0000	0:1	10 mg/kg	0.040	2.042		50 mg/kg				2,500 mg/kg	20,000 mg/kg
SW-21	5/12/2022	Sidewall	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.7	<49	<49	78
SW-22	5/12/2022	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<48	<48	100
SW-23	5/12/2022	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<50	<50	200
SW-24	5/12/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<48	<48	110
SW-25	5/13/2022	Sidewall	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<49	<49	73
SW-26	5/13/2022	Sidewall	<0.025	<0.049	<0.049	<0.099	<0:009	Z4:0	110	280	400	110_
SW-26A	6/6/2022	Sidewall	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<15	<49	<49	170
SW-2 7	5/24/2022	Sidewall	₹0:42	₹0:24	₹0:24	₹0:49	₹0:49	224	1,500	770	2,200	810
SW-27A	5/25/2022	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	87	100	187	86
SW-28	5/24/2022	Sidewall	<0.12	<0.25	<0.25	<0.50	<0.50	<25	140	170	310	1300
SW-29	5/24/2022	Sidewall	<0.12	<0.25	<0.25	<0.50	<0.50	<25	600	680	1,300	350
SW-30	5/24/2022	Sidewall	<0.12	<0.25	<0.25	<0.49	<0.49	<25	41	110	150	790
SW-31	5/24/2022	Sidewall	₹0.42	₹0:25	0:25	₹0.50	0:25	>25	2,400	1,400	3,800	200
SW-31A	5/25/2022	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	68	84	152	140
5₩-32	5/24/2022	Sidewall	₹0.42	₹0:24	₹0:24	₹0:49	≥0:49_	₹24	1,100_	970	2,100	460_
SW-32A	5/25/2022	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	37	55	92	170
SW-33	5/19/2022	Sidewall	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	<60
SW-34	5/19/2022	Sidewall	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.7	<49	<49	190
SW-35	5/20/2022	Sidewall	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	37	<47	37	190
SW-36	5/20/2022	Sidewall	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<50	<50	180
SW-37	5/20/2022	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	9.9	<48	9.9	200
SW-38	5/24/2022	Sidewall	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<47	<47	76
SW-39	5/24/2022	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<47	<47	<60
SW-40	5/24/2022	Sidewall	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<48	<48	75
SW-41	5/24/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	24.9	100	310	410	₹61
SW-41A	6/6/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	≥4.9	110	310	420	68_
SW-41B	6/20/2022	Sidewall	<0.021	<0.042	<0.042	<0.084	<0.084	<4.2	<13	<44	<44	180

								Total Petroleum Hydrocarbons (TPH)				
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils >100 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg				50 mg/kg				2,500 mg/kg	20,000 mg/kg
SW-42	5/24/2022	Sidewall	<0.024	<0.049	<0.049	<0.098	<0.098	₹ 4.8	110	330	440	₹60
SW-42A	6/6/2022	Sidewall	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<14	<46	<46	88
SW-43	6/6/2022	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<49	<49	160
SW-44	6/6/2022	Sidewall	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	16	52	68	110
SW-45	6/6/2022	Sidewall	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<14	<48	<48	120

Notes:

- 1. Values reported in mg/kg
- 2. <= Value Less than Reporting Limit (RL)
- 3. Bold Indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B.
 TPH analyses by EPA Method SW 8015 Mod.
 GRO/DRO/MRO = Gasoline/Diesel/Motor Oi

B-BH-2 Sample Point Excavated

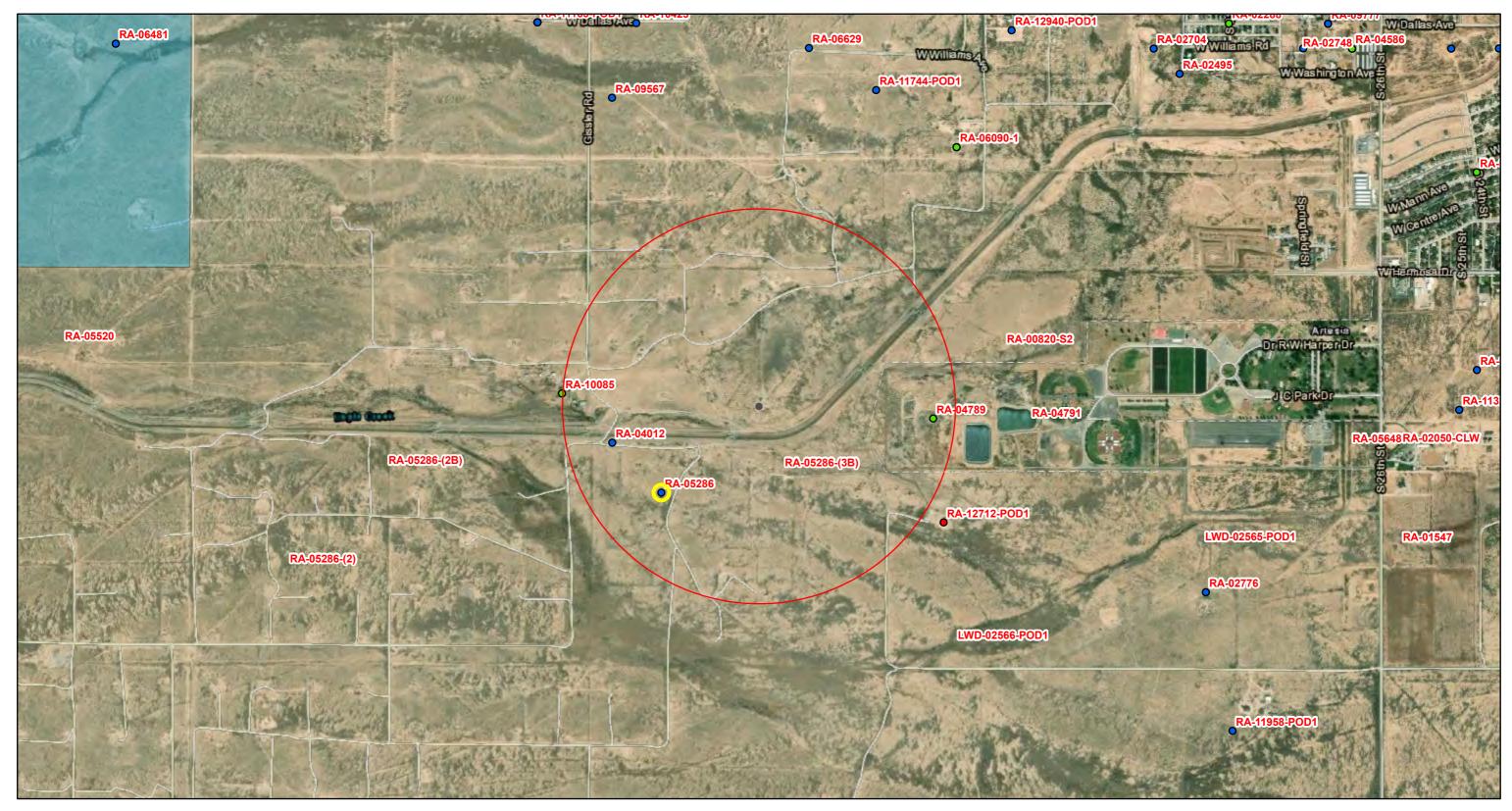
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table 1 Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table 1 Closure Criteria for the site (Surface to 4 Feet Below Grade).

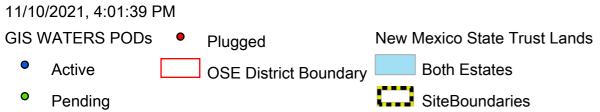
Attachment A Site Characterization Documentation

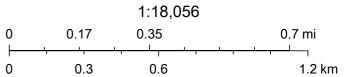


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Gissler AV Battery







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



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng X

RA 05286

1 3 23 17S 25E

550426 3631456*

Driller Company: Driller License: 406

TIDWELL, CLYDE J.

Driller Name: TIDWELL, CLYDE J.

Drill Start Date: 11/16/1970 **Drill Finish Date:**

11/20/1970 **Plug Date:**

Log File Date:

11/25/1970 **PCW Rcv Date:** Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

7.00 Depth Well: 285 feet

Depth Water:

196 feet

Water Bearing Stratifications: Top Bottom Description

237

284 Sandstone/Gravel/Conglomerate

Meter Number:

4243

Meter Make:

MCCROMETER

Meter Serial Number: 16-01901

Meter Multiplier:

10.0000

Number of Dials:

Meter Type:

Diversion

Unit of Measure: Usage Multiplier: Gallons

Return Flow Percent:

Reading Frequency:

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
01/12/1999	1999	12	A	RPT	0
04/07/1999	1999	12	A	RPT	0.006
07/07/1999	1999	12	A	RPT	0.084
10/26/1999	1999	12	A	RPT	0.130
01/06/2000	1999	12	A	RPT	0.212
07/04/2000	2000	13	A	RPT	0.694
01/19/2001	2000	14	A	RPT	0.838

07/09/2001	2001	14	A	RPT	0.630
01/17/2002	2001	14	A	RPT	0
04/02/2002	2002	14	A	RPT	0
04/30/2003	2003	16	A	tw	1.700
07/31/2003	2003	16	A	tw	0.227
10/30/2003	2003	17	A	tw	0.329
12/31/2003	2003	17	A	RPT	0.676
03/01/2004	2004	18	A	sj	0.324
06/01/2004	2004	18	A	sj	0.272
09/01/2004	2004	18	A	sj	0.201
04/13/2005	2005	19	A	RPT	0.619
10/06/2005	2005	20	A	RPT	1.094
12/31/2005	2005	20	A	ch	0.292
04/07/2006	2006	20	A	ch	0.278
12/31/2007	2007	24	A	RPT	4.155
12/31/2008	2008	1	R	RPT Meter Rollover	76.223
03/31/2009	2009	1	A	RPT	0.182
12/31/2009	2009	2	A	RPT	0.913
06/30/2010	2010	2	A	RPT	0.704
09/30/2016	2016	9465	A	RPT not in service per D. Fedricks	0
12/31/2018	2018	13896	A	ap	0.136
03/31/2019	2019	13896	A	ap	0
03/31/2020	2020	13896	A	ap	0
09/30/2020	2020	13896	A	RPT	0
12/31/2020	2021	13896	A	WEB	0 X
03/31/2021	2021	13896	A	WEB	0 X
X				 _	

X		
**YTD Meter Amounts:	Year	Amount
	1999	0.432
	2000	1.532
	2001	0.630
	2002	0
	2003	2.932
	2004	0.797
	2005	2.005

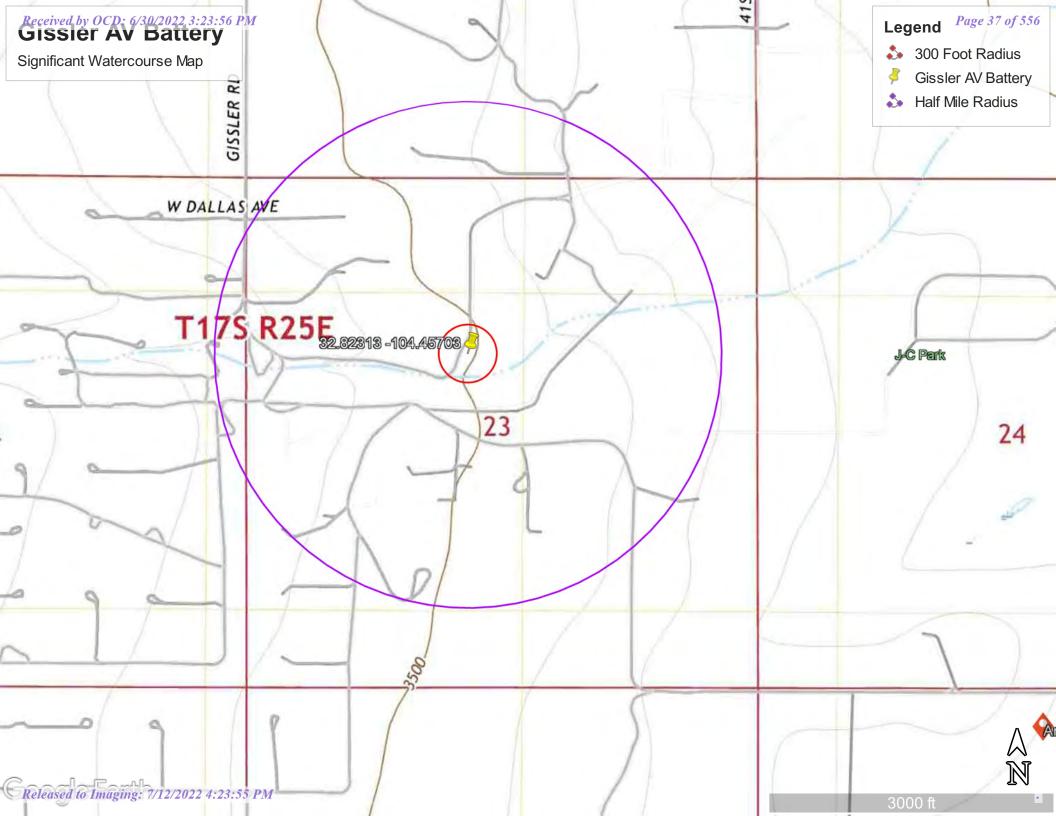
2006	0.278
2007	4.155
2008	76.223
2009	1.095
2010	0.704
2012	0
2013	0
2016	0
2018	0.136
2019	0
2020	0
2021	0

^{*}UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

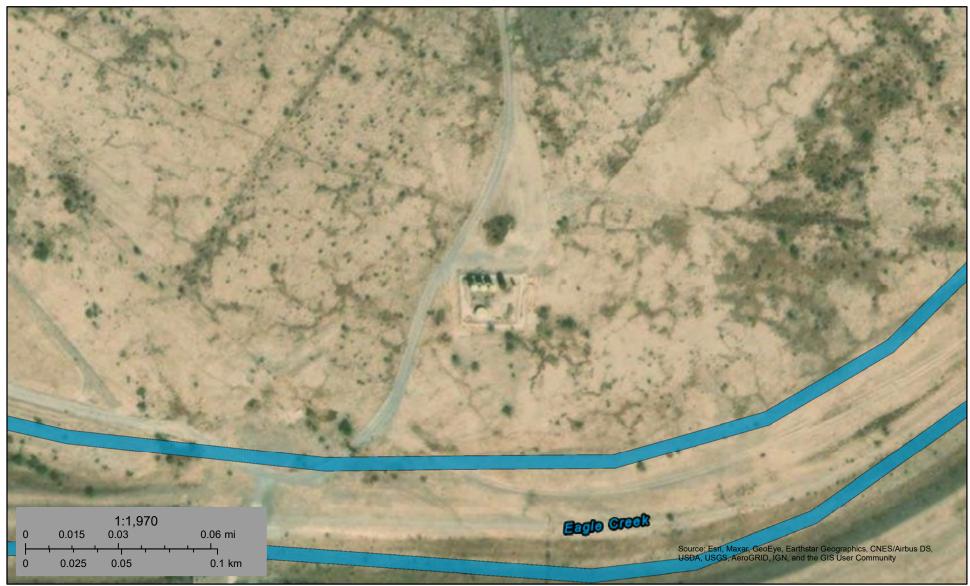
11/10/21 2:56 PM

POINT OF DIVERSION SUMMARY





Gissler AV Battery



November 10, 2021

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake

Other

Freshwater Forested/Shrub Wetland

Riverine

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

Received by OCD: 6/30/2022 3:23:56 PM National Flood Hazard Layer FIRMette



104°27'44"W 32°49'38"N AREA OF MINIMAL FLOOD HAZARD Zone X Eddy County Zone A

Legend

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

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 | LILLILL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 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 11/10/2021 at 4:13 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

104°27'7"W 32°49'8"N

Attachment B SB-1 Soil Boring Log

GHD

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Gissler AV Battery

PROJECT NUMBER: 12563391

DATE COMPLETED: January 5, 2022

CHENTE, FOO Because 4

CLIENT: EOG Resources DRILLING METHOD: Split Spoons/Air Rotary LOCATION: Artesia, New Mexico FIELD PERSONNEL: Z. Comino DRILLING CONTRACTOR: White Drilling Company, Inc. DRILLER: B. Adkins SAMPLE DEPTH DEPTH STRATIGRAPHIC DESCRIPTION & REMARKS SOIL BORING ft BGS **BGS** TOTAL TPH (mg/kg) CHLORIDE (mg/kg) NTERVAL NUMBER \equiv REC SM-SILTY SAND, well sorted, fine to medium grained, brown to dark brown, damp, no odor 5' 1400 2800 10' 2100 <49 - 10 15.00 15' 2600 <49 SM-SILTY SAND, with 75% 0.5 - 2 cm limestone gravel, fine to medium grained sand, brown, dry, 20' 1200 105 - 20 2/18/22 slight odor - 25% gravel from 20.00 to 25.00ft BGS 25' 4000 13 25.00 SM-SILTY SAND, with 10% <0.5 cm limestone gravel, brown, damp, slight odor 30 30' 2600 <48 **OVERBURDEN LOG** 35' 5100 <49 - 40 40.00 40' 5100 <48 SC-CLAYEY SILTY SAND, trace < 0.5 cm gravel, fine grained sand, brown, moist, no odor 45' 7700 <47 - tan to light brown at 45.00ft BGS Report: 50.00 50' 5100 156 - 50 SM-SILTY SAND, >75% - 2 cm limestone gravel, fine to medium grained sand, tan to Backfilled with V06.GLB white, dry, slight odor Cement Grout 60 - 50% gravel from 60.00 to 80.00ft BGS <49 60' 3100 ENVIRO GHD - 70 70' 2300 <50 File: - 80 80.00 80' 990 <46 SC-CLAYEY SILTY SAND, well sorted, fine grained, brown, damp GISSLER/12563391-CO.GPJ - 90 90.00 90' 5100 <47 SM-SILTY SAND, trace < 0.5 cm gravel, fine to medium grained sand, brown, dry to damp 100.00 1600 <47 100 100' SM-SILTY SAND, <0.5 cm gravel, brown, wet DATABASE\8-CHAR\12-----\1256-\12563391 - 110 110' 1000 <46 120 120' 530 35 125 00 125' 840 16 SM-SILTY SAND, trace < 0.5 cm gravel, fine to medium grained, brown, damp - 130 130' 170 <47 - light brown, no odor at 135.00ft BGS 135' 65 <48 137.00 END OF BOREHOLE @ 137.00ft BGS I:\LOG MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE NOTES: WATER FOUND ♀ 1/5/2022

CHEMICAL ANALYSIS

Attachment C Photographic Log







Site Photographs

EOG Gissler AV Battery ReleaseSite.







Site Photographs

EOG Gissler AV Battery ReleaseSite.







Site Photographs

EOG Gissler AV Battery ReleaseSite.







Site Photographs

EOG Gissler AV Battery ReleaseSite.







Site Photographs

EOG Gissler AV Battery ReleaseSite.





Site Photographs

EOG Gissler AV Battery ReleaseSite.

Appendix D 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

October 14, 2021

Becky Haskell GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX

RE: Gissler AV Tank Battery OrderNo.: 2109H23

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 15 sample(s) on 9/30/2021 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

Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP1-S

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 12:30:00 PM

 Lab ID:
 2109H23-001
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	10/5/2021 6:09:08 PM	63037
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	44	19	mg/Kg	2	10/8/2021 2:07:35 AM	63003
Motor Oil Range Organics (MRO)	200	94	mg/Kg	2	10/8/2021 2:07:35 AM	63003
Surr: DNOP	115	70-130	%Rec	2	10/8/2021 2:07:35 AM	63003
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/5/2021 5:29:00 AM	62981
Surr: BFB	106	70-130	%Rec	1	10/5/2021 5:29:00 AM	62981
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/5/2021 5:29:00 AM	62981
Toluene	ND	0.049	mg/Kg	1	10/5/2021 5:29:00 AM	62981
Ethylbenzene	ND	0.049	mg/Kg	1	10/5/2021 5:29:00 AM	62981
Xylenes, Total	ND	0.097	mg/Kg	1	10/5/2021 5:29:00 AM	62981
Surr: 4-Bromofluorobenzene	96.8	70-130	%Rec	1	10/5/2021 5:29:00 AM	62981

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

Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP1-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 12:40:00 PM

 Lab ID:
 2109H23-002
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 60 mg/Kg 20 10/5/2021 6:21:34 PM 63037 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.7 mg/Kg 10/5/2021 6:23:48 PM 63003 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/5/2021 6:23:48 PM 63003 Surr: DNOP 53.3 70-130 S %Rec 10/5/2021 6:23:48 PM 63003 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: mb ND Gasoline Range Organics (GRO) 10/5/2021 5:48:00 AM 62981 4.9 mg/Kg 1 Surr: BFB 110 %Rec 10/5/2021 5:48:00 AM 62981 70-130 **EPA METHOD 8021B: VOLATILES** Analyst: mb ND 10/5/2021 5:48:00 AM Benzene 0.024 mg/Kg 62981 Toluene ND 0.049 mg/Kg 10/5/2021 5:48:00 AM 62981 Ethylbenzene ND 0.049 mg/Kg 1 10/5/2021 5:48:00 AM 62981 Xylenes, Total ND 0.098 mg/Kg 10/5/2021 5:48:00 AM 62981 Surr: 4-Bromofluorobenzene 70-130 96.9 %Rec 10/5/2021 5:48:00 AM 62981

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP2-S

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 12:50:00 PM

 Lab ID:
 2109H23-003
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	10/5/2021 6:33:58 PM	63037
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	580	47	mg/Kg	5	10/8/2021 1:20:10 AM	63003
Motor Oil Range Organics (MRO)	1900	240	mg/Kg	5	10/8/2021 1:20:10 AM	63003
Surr: DNOP	122	70-130	%Rec	5	10/8/2021 1:20:10 AM	63003
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	10/5/2021 6:08:00 AM	62981
Surr: BFB	110	70-130	%Rec	5	10/5/2021 6:08:00 AM	62981
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.12	mg/Kg	5	10/5/2021 6:08:00 AM	62981
Toluene	ND	0.25	mg/Kg	5	10/5/2021 6:08:00 AM	62981
Ethylbenzene	ND	0.25	mg/Kg	5	10/5/2021 6:08:00 AM	62981
Xylenes, Total	ND	0.49	mg/Kg	5	10/5/2021 6:08:00 AM	62981
Surr: 4-Bromofluorobenzene	92.2	70-130	%Rec	5	10/5/2021 6:08:00 AM	62981

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP2-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 1:00:00 PM

 Lab ID:
 2109H23-004
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	10/5/2021 6:46:22 PM	63037
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	290	49	mg/Kg	5	10/8/2021 12:32:39 AM	63003
Motor Oil Range Organics (MRO)	1200	250	mg/Kg	5	10/8/2021 12:32:39 AM	63003
Surr: DNOP	113	70-130	%Rec	5	10/8/2021 12:32:39 AM	63003
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/5/2021 6:28:00 AM	62981
Surr: BFB	103	70-130	%Rec	1	10/5/2021 6:28:00 AM	62981
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/5/2021 6:28:00 AM	62981
Toluene	ND	0.048	mg/Kg	1	10/5/2021 6:28:00 AM	62981
Ethylbenzene	ND	0.048	mg/Kg	1	10/5/2021 6:28:00 AM	62981
Xylenes, Total	ND	0.096	mg/Kg	1	10/5/2021 6:28:00 AM	62981
Surr: 4-Bromofluorobenzene	92.4	70-130	%Rec	1	10/5/2021 6:28:00 AM	62981

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP2-4

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 1:10:00 PM

 Lab ID:
 2109H23-005
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 59 mg/Kg 20 10/5/2021 6:58:47 PM 63037 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.8 mg/Kg 10/7/2021 4:13:28 PM 62999 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/7/2021 4:13:28 PM 62999 Surr: DNOP 70-130 138 S %Rec 10/7/2021 4:13:28 PM 62999 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 10/5/2021 3:29:02 PM Gasoline Range Organics (GRO) ND 62982 4.9 mg/Kg 1 Surr: BFB 96.8 %Rec 10/5/2021 3:29:02 PM 62982 70-130 Analyst: RAA **EPA METHOD 8021B: VOLATILES** ND 10/5/2021 3:29:02 PM 62982 Benzene 0.025 mg/Kg Toluene ND 0.049 mg/Kg 10/5/2021 3:29:02 PM 62982 Ethylbenzene ND 0.049 mg/Kg 1 10/5/2021 3:29:02 PM 62982 Xylenes, Total ND 0.098 mg/Kg 10/5/2021 3:29:02 PM 62982 Surr: 4-Bromofluorobenzene 85.8 70-130 %Rec 10/5/2021 3:29:02 PM 62982

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP3-4

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 1:20:00 PM

 Lab ID:
 2109H23-006
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	2400	150		mg/Kg	50	10/8/2021 8:20:24 AM	63037
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	SB
Diesel Range Organics (DRO)	1100	97		mg/Kg	10	10/8/2021 11:56:53 AM	62999
Motor Oil Range Organics (MRO)	2300	490		mg/Kg	10	10/8/2021 11:56:53 AM	62999
Surr: DNOP	0	70-130	S	%Rec	10	10/8/2021 11:56:53 AM	62999
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/5/2021 4:39:33 PM	62982
Surr: BFB	94.3	70-130		%Rec	5	10/5/2021 4:39:33 PM	62982
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.12		mg/Kg	5	10/5/2021 4:39:33 PM	62982
Toluene	ND	0.24		mg/Kg	5	10/5/2021 4:39:33 PM	62982
Ethylbenzene	ND	0.24		mg/Kg	5	10/5/2021 4:39:33 PM	62982
Xylenes, Total	ND	0.49		mg/Kg	5	10/5/2021 4:39:33 PM	62982
Surr: 4-Bromofluorobenzene	84.3	70-130		%Rec	5	10/5/2021 4:39:33 PM	62982

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP3-8

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 1:30:00 PM

 Lab ID:
 2109H23-007
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 3000 150 mg/Kg 50 10/8/2021 8:32:49 AM 63037 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 11000 470 mg/Kg 10/7/2021 5:48:35 PM 62999 Motor Oil Range Organics (MRO) 7700 2300 mg/Kg 10/7/2021 5:48:35 PM 62999 Surr: DNOP 70-130 0 S %Rec 10/7/2021 5:48:35 PM 62999 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 70 10/5/2021 5:49:49 PM Gasoline Range Organics (GRO) 5 62982 24 mg/Kg Surr: BFB 130 70-130 S %Rec 5 10/5/2021 5:49:49 PM 62982 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 10/5/2021 5:49:49 PM 62982 Benzene 0.12 mg/Kg 5 Toluene ND 0.24 mg/Kg 10/5/2021 5:49:49 PM 62982 Ethylbenzene ND 0.24 mg/Kg 5 10/5/2021 5:49:49 PM 62982 Xylenes, Total ND 0.48 mg/Kg 5 10/5/2021 5:49:49 PM 62982 Surr: 4-Bromofluorobenzene 70-130 62982 85.9 %Rec 10/5/2021 5:49:49 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

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP3-12

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 1:35:00 PM

 Lab ID:
 2109H23-008
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: ЈМТ
Chloride	2500	150		mg/Kg	50	10/8/2021 8:45:14 AM	63037
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	1900	470		mg/Kg	50	10/7/2021 6:12:26 PM	62999
Motor Oil Range Organics (MRO)	3100	2400		mg/Kg	50	10/7/2021 6:12:26 PM	62999
Surr: DNOP	0	70-130	S	%Rec	50	10/7/2021 6:12:26 PM	62999
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: RAA
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/5/2021 6:13:14 PM	62982
Surr: BFB	94.0	70-130		%Rec	5	10/5/2021 6:13:14 PM	62982
EPA METHOD 8021B: VOLATILES						Analyst	: RAA
Benzene	ND	0.12		mg/Kg	5	10/5/2021 6:13:14 PM	62982
Toluene	ND	0.24		mg/Kg	5	10/5/2021 6:13:14 PM	62982
Ethylbenzene	ND	0.24		mg/Kg	5	10/5/2021 6:13:14 PM	62982
Xylenes, Total	ND	0.49		mg/Kg	5	10/5/2021 6:13:14 PM	62982
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	5	10/5/2021 6:13:14 PM	62982

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP3-16

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 1:40:00 PM

 Lab ID:
 2109H23-009
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 330 60 mg/Kg 20 10/5/2021 7:48:25 PM 63037 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.6 mg/Kg 10/7/2021 6:36:16 PM 62999 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/7/2021 6:36:16 PM 62999 Surr: DNOP 115 70-130 %Rec 1 10/7/2021 6:36:16 PM 62999 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 10/5/2021 6:36:47 PM Gasoline Range Organics (GRO) ND 25 5 62982 mg/Kg Surr: BFB 94.4 70-130 %Rec 5 10/5/2021 6:36:47 PM 62982 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 10/5/2021 6:36:47 PM 62982 Benzene 0.12 mg/Kg 5 Toluene ND 0.25 mg/Kg 10/5/2021 6:36:47 PM 62982 Ethylbenzene ND 0.25 mg/Kg 5 10/5/2021 6:36:47 PM 62982 Xylenes, Total ND 0.50 mg/Kg 5 10/5/2021 6:36:47 PM 62982 Surr: 4-Bromofluorobenzene 70-130 62982 84.7 %Rec 10/5/2021 6:36:47 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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP3-20

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 1:50:00 PM

 Lab ID:
 2109H23-010
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	360	60	mg/Kg	20	10/5/2021 8:25:40 PM	63037
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/7/2021 7:00:05 PM	62999
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/7/2021 7:00:05 PM	62999
Surr: DNOP	118	70-130	%Rec	1	10/7/2021 7:00:05 PM	62999
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	10/5/2021 7:00:15 PM	62982
Surr: BFB	96.4	70-130	%Rec	5	10/5/2021 7:00:15 PM	62982
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.12	mg/Kg	5	10/5/2021 7:00:15 PM	62982
Toluene	ND	0.24	mg/Kg	5	10/5/2021 7:00:15 PM	62982
Ethylbenzene	ND	0.24	mg/Kg	5	10/5/2021 7:00:15 PM	62982
Xylenes, Total	ND	0.47	mg/Kg	5	10/5/2021 7:00:15 PM	62982
Surr: 4-Bromofluorobenzene	86.5	70-130	%Rec	5	10/5/2021 7:00:15 PM	62982

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP4-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 2:10:00 PM

 Lab ID:
 2109H23-011
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	84	61		mg/Kg	20	10/5/2021 8:38:05 PM	63037
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	2000	490		mg/Kg	50	10/7/2021 7:23:54 PM	62999
Motor Oil Range Organics (MRO)	7000	2500		mg/Kg	50	10/7/2021 7:23:54 PM	62999
Surr: DNOP	0	70-130	S	%Rec	50	10/7/2021 7:23:54 PM	62999
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/5/2021 8:34:15 PM	62982
Surr: BFB	93.5	70-130		%Rec	5	10/5/2021 8:34:15 PM	62982
EPA METHOD 8021B: VOLATILES						Analyst	: RAA
Benzene	ND	0.12		mg/Kg	5	10/5/2021 8:34:15 PM	62982
Toluene	ND	0.24		mg/Kg	5	10/5/2021 8:34:15 PM	62982
Ethylbenzene	ND	0.24		mg/Kg	5	10/5/2021 8:34:15 PM	62982
Xylenes, Total	ND	0.49		mg/Kg	5	10/5/2021 8:34:15 PM	62982
Surr: 4-Bromofluorobenzene	84.2	70-130		%Rec	5	10/5/2021 8:34:15 PM	62982

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP4-4

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 2:20:00 PM

 Lab ID:
 2109H23-012
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 89 60 mg/Kg 20 10/5/2021 8:50:30 PM 63037 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 290 99 mg/Kg 10/8/2021 2:52:33 PM 62999 Motor Oil Range Organics (MRO) 1600 490 mg/Kg 10/8/2021 2:52:33 PM 62999 Surr: DNOP 0 70-130 S %Rec 10/8/2021 2:52:33 PM 62999 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 10/5/2021 8:57:55 PM Gasoline Range Organics (GRO) ND 5 62982 25 mg/Kg Surr: BFB 92.5 70-130 %Rec 10/5/2021 8:57:55 PM 62982 Analyst: RAA **EPA METHOD 8021B: VOLATILES** ND 10/5/2021 8:57:55 PM 62982 Benzene 0.12 mg/Kg 5 Toluene ND 0.25 mg/Kg 10/5/2021 8:57:55 PM 62982 Ethylbenzene ND 0.25 mg/Kg 5 10/5/2021 8:57:55 PM 62982 Xylenes, Total ND 0.50 mg/Kg 5 10/5/2021 8:57:55 PM 62982 Surr: 4-Bromofluorobenzene 70-130 82.1 %Rec 10/5/2021 8:57:55 PM 62982

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP4-8

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 2:35:00 PM

 Lab ID:
 2109H23-013
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 85 60 mg/Kg 20 10/5/2021 9:02:55 PM 63037 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 310 96 mg/Kg 10/8/2021 12:22:16 PM 62999 Motor Oil Range Organics (MRO) 1400 480 10/8/2021 12:22:16 PM 62999 mg/Kg Surr: DNOP 10/8/2021 12:22:16 PM 62999 0 70-130 S %Rec **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 10/5/2021 9:21:36 PM Gasoline Range Organics (GRO) ND 5 62982 25 mg/Kg Surr: BFB 90.8 70-130 %Rec 10/5/2021 9:21:36 PM 62982 Analyst: RAA **EPA METHOD 8021B: VOLATILES** ND 10/5/2021 9:21:36 PM 62982 Benzene 0.12 mg/Kg 5 Toluene ND 0.25 mg/Kg 10/5/2021 9:21:36 PM 62982 Ethylbenzene ND 0.25 mg/Kg 5 10/5/2021 9:21:36 PM 62982 Xylenes, Total ND 0.49 mg/Kg 5 10/5/2021 9:21:36 PM 62982 Surr: 4-Bromofluorobenzene 70-130 80.6 %Rec 10/5/2021 9:21:36 PM 62982

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP4-14

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 2:40:00 PM

 Lab ID:
 2109H23-014
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 120 60 mg/Kg 20 10/5/2021 11:57:58 PM 63042 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 12 9.9 mg/Kg 10/8/2021 1:36:58 PM 62999 Motor Oil Range Organics (MRO) 76 50 mg/Kg 1 10/8/2021 1:36:58 PM 62999 Surr: DNOP 113 70-130 %Rec 1 10/8/2021 1:36:58 PM 62999 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 10/5/2021 9:45:13 PM Gasoline Range Organics (GRO) ND 24 5 62982 mg/Kg Surr: BFB 94.5 70-130 %Rec 5 10/5/2021 9:45:13 PM 62982 Analyst: RAA **EPA METHOD 8021B: VOLATILES** ND 10/5/2021 9:45:13 PM 62982 Benzene 0.12 mg/Kg 5 Toluene ND 0.24 mg/Kg 10/5/2021 9:45:13 PM 62982 Ethylbenzene ND 0.24 mg/Kg 5 10/5/2021 9:45:13 PM 62982 Xylenes, Total ND 0.48 mg/Kg 5 10/5/2021 9:45:13 PM 62982 Surr: 4-Bromofluorobenzene 70-130 62982 83.9 %Rec 10/5/2021 9:45:13 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

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP4-20

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/28/2021 2:50:00 PM

 Lab ID:
 2109H23-015
 Matrix: SOIL
 Received Date: 9/30/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	170	60		mg/Kg	20	10/6/2021 12:35:11 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	SB
Diesel Range Organics (DRO)	3900	190		mg/Kg	20	10/7/2021 8:59:02 PM	62999
Motor Oil Range Organics (MRO)	2000	950		mg/Kg	20	10/7/2021 8:59:02 PM	62999
Surr: DNOP	0	70-130	S	%Rec	20	10/7/2021 8:59:02 PM	62999
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	850	24		mg/Kg	5	10/5/2021 10:08:39 PM	62982
Surr: BFB	584	70-130	S	%Rec	5	10/5/2021 10:08:39 PM	62982
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	0.28	0.12		mg/Kg	5	10/5/2021 10:08:39 PM	62982
Toluene	ND	0.24		mg/Kg	5	10/5/2021 10:08:39 PM	62982
Ethylbenzene	8.5	0.24		mg/Kg	5	10/5/2021 10:08:39 PM	62982
Xylenes, Total	26	0.48		mg/Kg	5	10/5/2021 10:08:39 PM	62982
Surr: 4-Bromofluorobenzene	210	70-130	S	%Rec	5	10/5/2021 10:08:39 PM	62982

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2109H23** *14-Oct-21*

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-63037 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63037 RunNo: 81812

Prep Date: 10/5/2021 Analysis Date: 10/5/2021 SeqNo: 2893662 Units: mq/Kq

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

Chloride ND 1.5

Sample ID: LCS-63037 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63037 RunNo: 81812

Prep Date: 10/5/2021 Analysis Date: 10/5/2021 SeqNo: 2893663 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 95.5 90 110

Sample ID: MB-63042 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63042 RunNo: 81813

Prep Date: 10/5/2021 Analysis Date: 10/5/2021 SeqNo: 2894205 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-63042 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63042 RunNo: 81813

Prep Date: 10/5/2021 Analysis Date: 10/5/2021 SeqNo: 2894206 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 94.7 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2109H23** *14-Oct-21*

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-63003	Janipi	npType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics										
Client ID: PBS	Batch	1D: 63 0	003	R	tunNo: 8	1801						
Prep Date: 10/4/2021	Analysis D	ate: 10)/5/2021	S	SeqNo: 2	894853	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	8.5		10.00		84.9	70	130					
Sample ID: LCS-63003	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: LCSS	Batch	1D: 63 0	003	R	tunNo: 8	1801						
Prep Date: 10/4/2021	Analysis D	ate: 10)/5/2021	S	SeqNo: 2	894854	Units: mg/K	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	46	10	50.00	0	92.6	68.9	135					
Surr: DNOP	4.0		5.000		79.4	70	130					
Sample ID: MB-62999	SampT	ype: ME	BLK	Test	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Sample ID: MB-62999 Client ID: PBS		ype: ME n ID: 62 9			tCode: El		8015M/D: Die	esel Rang	e Organics			
,		iD: 62 9	999	R		1862	8015M/D: Did	J	e Organics			
Client ID: PBS	Batch	iD: 62 9	999 0/7/2021	R	tunNo: 8	1862		J	e Organics RPDLimit	Qual		
Client ID: PBS Prep Date: 10/4/2021	Batch Analysis D	n ID: 62 9	999 0/7/2021	R	RunNo: 8 GeqNo: 2	1862 897828	Units: mg/K	g	J	Qual		
Client ID: PBS Prep Date: 10/4/2021 Analyte	Batch Analysis D Result	n ID: 629 Pate: 10	999 0/7/2021	R	RunNo: 8 GeqNo: 2	1862 897828	Units: mg/K	g	J	Qual		

Client ID: LCSS	F	RunNo: 8	1862							
Prep Date: 10/4/2021	Analysis D	ate: 10	0/7/2021	S	SeqNo: 2	897829	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	114	68.9	135			
Surr: DNOP	6.7		5.000		134	70	130			S

Sample ID: 2109H23-005AMS	SampT	ype: MS	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	organics	
Client ID: TP2-4	Batch	ID: 62	999	F	RunNo: 8	1862				
Prep Date: 10/4/2021	Analysis D	ate: 10)/7/2021	8	SeqNo: 28	397831	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	9.8	49.21	0	99.5	39.3	155			
Surr: DNOP	5.9		4.921		120	70	130			

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2109H23

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2109H23-005AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: TP2-4 Batch ID: 62999 RunNo: 81862

P	rep Date: 10/4/2021	Analysis Date: 10/7/2021			S	SeqNo: 2897832 Units: mg/Kg						
А	nalyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Die	esel Range Organics (DRO)	56	10	49.75	0	112	39.3	155	12.7	23.4		
	Surr: DNOP	6.8		4.975		136	70	130	0	0	S	

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
- Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2109H23**

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-62981 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 62981 RunNo: 81772

Prep Date: 10/1/2021 Analysis Date: 10/4/2021 SeqNo: 2891809 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 960 1000 96.1 70 130

Sample ID: Ics-62981 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 62981 RunNo: 81772

Prep Date: 10/1/2021 Analysis Date: 10/4/2021 SeqNo: 2891811 Units: mg/Kg

HighLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 28 5.0 25.00 O 114 78.6 131 Surr: BFB 1200 1000 121 70 130

Sample ID: 2109H23-005AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **TP2-4** Batch ID: **62982** RunNo: **81821**

Prep Date: 10/1/2021 Analysis Date: 10/5/2021 SeqNo: 2894407 Units: mg/Kg

Result SPK value SPK Ref Val %RPD **RPDLimit** Analyte POI %REC LowLimit HighLimit Qual Gasoline Range Organics (GRO) 22 4.8 23.85 0 94.3 61.3 114 Surr: BFB 1000 954.2 107 70 130

Sample ID: 2109H23-005AMSD SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP2-4 Batch ID: 62982 RunNo: 81821

Prep Date: 10/1/2021 Analysis Date: 10/5/2021 SeqNo: 2894408 Units: mq/Kq

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Gasoline Range Organics (GRO) 22 4.9 61.3 4.09 20 24.51 88.1 114 Surr: BFB 990 980.4 101 70 130 0 0

Sample ID: Ics-62982 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 62982 RunNo: 81821

Prep Date: 10/1/2021 Analysis Date: 10/5/2021 SeqNo: 2894442 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 5.0 0 78.6 25.00 101 131 Surr: BFB 1000 1000 104 70 130

Sample ID: mb-62982 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **62982** RunNo: **81821**

Prep Date: 10/1/2021 Analysis Date: 10/5/2021 SeqNo: 2894443 Units: mg/Kg

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2109H23**

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-62982 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 62982 RunNo: 81821

Prep Date: 10/1/2021 Analysis Date: 10/5/2021 SeqNo: 2894443 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 960 1000 96.2 70 130

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2109H23**

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-62981 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 62981 RunNo: 81772

Prep Date: 10/1/2021 Analysis Date: 10/4/2021 SeqNo: 2891855 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
 0.88
 1.000
 88.3
 70
 130

Sample ID: Ics-62981 SampType: LCS TestCode: EPA Method 8021B: Volatiles

4.831

Client ID: LCSS Batch ID: 62981 RunNo: 81772

4.1

Prep Date: 10/1/2021	Analysis Date: 10/4/2021			5	SeqNo: 2	891857	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	0.98	0.050	1.000	0	98.3	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.8	70	130			

Sample ID: 2109H23-006AMS SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: TP3-4 Batch ID: 62982 RunNo: 81821 Prep Date: 10/1/2021 Analysis Date: 10/5/2021 SeqNo: 2894510 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.12 82.1 80 0.79 0.9662 120 Benzene n Toluene 0.82 0.24 0.9662 0 84.8 80 120 120 0.24 0.9662 0 83.6 80 Ethylbenzene 0.81 Xylenes, Total 2.4 0.48 2.899 0 81.9 80 120

Sample ID: 2109H23-006AM	TestCode: EPA Method 8021B: Volatiles									
Client ID: TP3-4	F									
Prep Date: 10/1/2021	Analysis Date: 10/5/2021			8	SeqNo: 2	894511	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.73	0.12	0.9470	0	77.4	80	120	7.84	20	S
Toluene	0.76	0.24	0.9470	0	80.4	80	120	7.40	20	
Ethylbenzene	0.75	0.24	0.9470	0	78.7	80	120	7.98	20	S
Xylenes, Total	2.2	0.47	2.841	0	77.5	80	120	7.53	20	S
Surr: 4-Bromofluorobenzene	3.9		4.735		82.9	70	130	0	0	

Qualifiers:

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

Surr: 4-Bromofluorobenzene

- 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

85.0

70

130

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2109H23** *14-Oct-21*

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: LCS-62982	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 62982			F	RunNo: 8	1821				
Prep Date: 10/1/2021	Analysis D	Analysis Date: 10/5/2021			SeqNo: 2894544			(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.8	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.9	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.3	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		86.6	70	130			

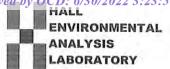
Sample ID: mb-62982 SampType: MBLK				Tes	ļ					
Client ID: PBS	Batch ID: 62982				RunNo: 81821					
Prep Date: 10/1/2021	Analysis Date: 10/5/2021			SeqNo: 2894545			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.2	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

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

Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland	Work Order Num	ber: 2109l	H23			RcptNo: 1
Received By: Cheyenne Cason	9/30/2021 7:40:00	AM		Chenl		
Completed By: Isaiah Ortiz	9/30/2021 8:50:18	AM		7.	0	L
Reviewed By: Jn 9/30/21						
Chain of Custody						
1. Is Chain of Custody complete?		Yes	V	No [Not Present
2. How was the sample delivered?		Couri	er			
<u>Log In</u>						
3. Was an attempt made to cool the sample	s?	Yes	V	No [NA 🗌
4. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes	V	No [NA 🗆
5. Sample(s) in proper container(s)?		Yes	V	No [
6. Sufficient sample volume for indicated tes	t(s)?	Yes	V	No [
7. Are samples (except VOA and ONG) prop	erly preserved?	Yes [/	No [
8. Was preservative added to bottles?		Yes [No S	1	NA 🗆
9. Received at least 1 vial with headspace <	/4" for AQ VOA?	Yes [No [NA 🗹
10. Were any sample containers received bro	ken?	Yes [No B	~	# of preserved
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes [V	No [bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain	of Custody?	Yes [1	No []	Adjusted?
13. Is it clear what analyses were requested?		Yes [/	No []	1100 01
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes [/	No [Checked by: Wa 9/5
Special Handling (if applicable)						ı
15. Was client notified of all discrepancies with	h this order?	Yes		No [NA 🗸
Person Notified:	Date				-	
By Whom:	Via:	☐ eMai		Phone F	Fax	☐ In Person
Regarding:					-	
Client Instructions:						
16. Additional remarks:						
17. Cooler Information						
Cooler No Temp °C Condition	Seal Intact Seal No	Seal Dat	e	Signed By	y	
1 0.8 Good N	lot Present					

Rec	ENVIRONMENTAL	>	www.hallenvironmental.com	Albuquerque, NM 87109		4107		08	<u> </u>	71	_		√-im	00 (Se	827								Remarks: Please email: Chase Settle@eogreeourge		listed above.	
7	HALLE	ANALYS	www.hallenv	4901 Hawkins NE - Alb	Tel 505-345-3975	6		s, QAI	SIMS	DRO 82 P (1) 2072	\ 08\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	SRo 1 SO 0 o	sticio sthoo 831 S31	PH:801 81 Pe 0B (Me 0Hs by 0Hs by 0Hs by 0Hs by	98 13 13 44 28								Remarks: Please email: Cha	Tom.Larson@ghd.com	listed	Case Seille
Turn-Around Time:	Ab Standard]	10 1+11 10/	Project #		1855, 3391	0	Becky Haskell	Tom Larson	Sampler: Zach Comino	On Ice: X Yes \(\Bar\) No		Cooler Temp(including CF) O. 8-0208	Container Preservative Type and # Type	7HLO12 26	013	7/0	1 015				\vdash	Via: Date	What was alm bo	0/18	er accredited landers are a service of the service
Chain-of-Custody Record	Client: GHD		Mailing Address:	324 W Main St Suite 108 Assistant			email or Fax#: Becky.Haskell@ghd.com		☐ Standard ☐ Level 4 (Full Validation)	on:	□ NELAC □ Other	□ EUU (Type)		Date Time Matrix Sample Name	1	The second of th	7 - 54	1450 TP4-20					rune. Kellnquished by:	Relinquished by:	MARIN LABO OMULALA	y, samples submitted to Hall Envir



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

October 14, 2021

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

TEL: (432) 686-0086

FAX

RE: Gissler AV Tank Battery OrderNo.: 2110009

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 29 sample(s) on 10/1/2021 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

Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP5-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 7:25:00 AM

 Lab ID:
 2110009-001
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	380	60	mg/Kg	20	10/6/2021 12:47:36 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	110	49	mg/Kg	5	10/8/2021 8:51:52 AM	63019
Motor Oil Range Organics (MRO)	600	250	mg/Kg	5	10/8/2021 8:51:52 AM	63019
Surr: DNOP	101	70-130	%Rec	5	10/8/2021 8:51:52 AM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/6/2021 5:48:00 PM	63017
Surr: BFB	101	70-130	%Rec	1	10/6/2021 5:48:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/6/2021 5:48:00 PM	63017
Toluene	ND	0.048	mg/Kg	1	10/6/2021 5:48:00 PM	63017
Ethylbenzene	ND	0.048	mg/Kg	1	10/6/2021 5:48:00 PM	63017
Xylenes, Total	ND	0.095	mg/Kg	1	10/6/2021 5:48:00 PM	63017
Surr: 4-Bromofluorobenzene	93.3	70-130	%Rec	1	10/6/2021 5:48:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP5-8

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 7:40:00 AM

 Lab ID:
 2110009-002
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CAS
Chloride	450	60	mg/Kg	20	10/6/2021 1:00:01 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	120	47	mg/Kg	5	10/8/2021 8:27:21 AM	63019
Motor Oil Range Organics (MRO)	600	230	mg/Kg	5	10/8/2021 8:27:21 AM	63019
Surr: DNOP	90.8	70-130	%Rec	5	10/8/2021 8:27:21 AM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/6/2021 6:47:00 PM	63017
Surr: BFB	106	70-130	%Rec	1	10/6/2021 6:47:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	10/6/2021 6:47:00 PM	63017
Toluene	ND	0.046	mg/Kg	1	10/6/2021 6:47:00 PM	63017
Ethylbenzene	ND	0.046	mg/Kg	1	10/6/2021 6:47:00 PM	63017
Xylenes, Total	ND	0.093	mg/Kg	1	10/6/2021 6:47:00 PM	63017
Surr: 4-Bromofluorobenzene	91.5	70-130	%Rec	1	10/6/2021 6:47:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP5-16

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 7:55:00 AM

 Lab ID:
 2110009-003
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/6/2021 1:12:25 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/5/2021 11:34:37 AM	63019
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/5/2021 11:34:37 AM	63019
Surr: DNOP	79.2	70-130	%Rec	1	10/5/2021 11:34:37 AM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/6/2021 7:06:00 PM	63017
Surr: BFB	106	70-130	%Rec	1	10/6/2021 7:06:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/6/2021 7:06:00 PM	63017
Toluene	ND	0.048	mg/Kg	1	10/6/2021 7:06:00 PM	63017
Ethylbenzene	ND	0.048	mg/Kg	1	10/6/2021 7:06:00 PM	63017
Xylenes, Total	ND	0.096	mg/Kg	1	10/6/2021 7:06:00 PM	63017
Surr: 4-Bromofluorobenzene	89.7	70-130	%Rec	1	10/6/2021 7:06:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP5-20

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 8:05:00 AM

 Lab ID:
 2110009-004
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
Diesel Range Organics (DRO)	18	9.9	mg/Kg	1	10/8/2021 2:55:06 AM	63019
Motor Oil Range Organics (MRO)	64	49	mg/Kg	1	10/8/2021 2:55:06 AM	63019
Surr: DNOP	101	70-130	%Rec	1	10/8/2021 2:55:06 AM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/6/2021 7:26:00 PM	63017
Surr: BFB	104	70-130	%Rec	1	10/6/2021 7:26:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.023	mg/Kg	1	10/6/2021 7:26:00 PM	63017
Toluene	ND	0.046	mg/Kg	1	10/6/2021 7:26:00 PM	63017
Ethylbenzene	ND	0.046	mg/Kg	1	10/6/2021 7:26:00 PM	63017
Xylenes, Total	ND	0.092	mg/Kg	1	10/6/2021 7:26:00 PM	63017
Surr: 4-Bromofluorobenzene	90.7	70-130	%Rec	1	10/6/2021 7:26:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP6-4

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 8:25:00 AM

 Lab ID:
 2110009-005
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	: CAS
Chloride	930	60	mg/Kg	20	10/6/2021 1:24:49 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: SB
Diesel Range Organics (DRO)	570	50	mg/Kg	5	10/8/2021 9:16:23 AM	63019
Motor Oil Range Organics (MRO)	1600	250	mg/Kg	5	10/8/2021 9:16:23 AM	63019
Surr: DNOP	81.7	70-130	%Rec	5	10/8/2021 9:16:23 AM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/6/2021 7:45:00 PM	63017
Surr: BFB	98.6	70-130	%Rec	1	10/6/2021 7:45:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	:: mb
Benzene	ND	0.024	mg/Kg	1	10/6/2021 7:45:00 PM	63017
Toluene	ND	0.048	mg/Kg	1	10/6/2021 7:45:00 PM	63017
Ethylbenzene	ND	0.048	mg/Kg	1	10/6/2021 7:45:00 PM	63017
Xylenes, Total	ND	0.097	mg/Kg	1	10/6/2021 7:45:00 PM	63017
Surr: 4-Bromofluorobenzene	86.9	70-130	%Rec	1	10/6/2021 7:45:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP6-8

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 8:30:00 AM

 Lab ID:
 2110009-006
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 1100 61 mg/Kg 20 10/6/2021 1:37:14 AM 63042 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.3 mg/Kg 10/5/2021 11:46:58 AM 63019 Motor Oil Range Organics (MRO) ND 10/5/2021 11:46:58 AM 63019 47 mg/Kg 1 Surr: DNOP %Rec 10/5/2021 11:46:58 AM 63019 84.6 70-130 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: mb ND 10/6/2021 8:05:00 PM Gasoline Range Organics (GRO) 63017 4.9 mg/Kg Surr: BFB 98.0 %Rec 10/6/2021 8:05:00 PM 63017 70-130 **EPA METHOD 8021B: VOLATILES** Analyst: mb ND 10/6/2021 8:05:00 PM 63017 Benzene 0.024 mg/Kg Toluene ND 0.049 mg/Kg 10/6/2021 8:05:00 PM 63017 Ethylbenzene ND 0.049 mg/Kg 1 10/6/2021 8:05:00 PM 63017 Xylenes, Total ND 0.098 mg/Kg 10/6/2021 8:05:00 PM 63017 Surr: 4-Bromofluorobenzene 70-130 10/6/2021 8:05:00 PM 63017 89.0 %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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP6-12

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 8:40:00 AM

 Lab ID:
 2110009-007
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	640	59	mg/Kg	20	10/6/2021 1:49:39 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/5/2021 11:59:13 AM	63019
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/5/2021 11:59:13 AM	63019
Surr: DNOP	72.9	70-130	%Rec	1	10/5/2021 11:59:13 AM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/6/2021 8:25:00 PM	63017
Surr: BFB	104	70-130	%Rec	1	10/6/2021 8:25:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/6/2021 8:25:00 PM	63017
Toluene	ND	0.048	mg/Kg	1	10/6/2021 8:25:00 PM	63017
Ethylbenzene	ND	0.048	mg/Kg	1	10/6/2021 8:25:00 PM	63017
Xylenes, Total	ND	0.097	mg/Kg	1	10/6/2021 8:25:00 PM	63017
Surr: 4-Bromofluorobenzene	89.8	70-130	%Rec	1	10/6/2021 8:25:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP6-16

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 8:45:00 AM

 Lab ID:
 2110009-008
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	180	60	mg/Kg	20	10/6/2021 2:02:04 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/5/2021 12:11:27 PM	63019
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/5/2021 12:11:27 PM	63019
Surr: DNOP	74.3	70-130	%Rec	1	10/5/2021 12:11:27 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	10/6/2021 9:24:00 PM	63017
Surr: BFB	116	70-130	%Rec	5	10/6/2021 9:24:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.12	mg/Kg	5	10/6/2021 9:24:00 PM	63017
Toluene	ND	0.25	mg/Kg	5	10/6/2021 9:24:00 PM	63017
Ethylbenzene	ND	0.25	mg/Kg	5	10/6/2021 9:24:00 PM	63017
Xylenes, Total	ND	0.50	mg/Kg	5	10/6/2021 9:24:00 PM	63017
Surr: 4-Bromofluorobenzene	95.1	70-130	%Rec	5	10/6/2021 9:24:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP6-18

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 8:50:00 AM

 Lab ID:
 2110009-009
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/5/2021 12:23:43 PM	63019
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/5/2021 12:23:43 PM	63019
Surr: DNOP	74.1	70-130	%Rec	1	10/5/2021 12:23:43 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	10/6/2021 9:43:00 PM	63017
Surr: BFB	111	70-130	%Rec	5	10/6/2021 9:43:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.12	mg/Kg	5	10/6/2021 9:43:00 PM	63017
Toluene	ND	0.24	mg/Kg	5	10/6/2021 9:43:00 PM	63017
Ethylbenzene	ND	0.24	mg/Kg	5	10/6/2021 9:43:00 PM	63017
Xylenes, Total	ND	0.48	mg/Kg	5	10/6/2021 9:43:00 PM	63017
Surr: 4-Bromofluorobenzene	94.5	70-130	%Rec	5	10/6/2021 9:43:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP6-20

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 8:55:00 AM

 Lab ID:
 2110009-010
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/5/2021 12:35:51 PM	63019
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/5/2021 12:35:51 PM	63019
Surr: DNOP	75.7	70-130	%Rec	1	10/5/2021 12:35:51 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/6/2021 10:03:00 PM	63017
Surr: BFB	98.3	70-130	%Rec	1	10/6/2021 10:03:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	10/6/2021 10:03:00 PM	63017
Toluene	ND	0.047	mg/Kg	1	10/6/2021 10:03:00 PM	63017
Ethylbenzene	ND	0.047	mg/Kg	1	10/6/2021 10:03:00 PM	63017
Xylenes, Total	ND	0.093	mg/Kg	1	10/6/2021 10:03:00 PM	63017
Surr: 4-Bromofluorobenzene	87.6	70-130	%Rec	1	10/6/2021 10:03:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP7-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 9:10:00 AM

 Lab ID:
 2110009-011
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	930	60	mg/Kg	20	10/6/2021 2:14:29 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/5/2021 12:48:06 PM	63019
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/5/2021 12:48:06 PM	63019
Surr: DNOP	79.8	70-130	%Rec	1	10/5/2021 12:48:06 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/6/2021 10:23:00 PM	63017
Surr: BFB	106	70-130	%Rec	1	10/6/2021 10:23:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/6/2021 10:23:00 PM	63017
Toluene	ND	0.048	mg/Kg	1	10/6/2021 10:23:00 PM	63017
Ethylbenzene	ND	0.048	mg/Kg	1	10/6/2021 10:23:00 PM	63017
Xylenes, Total	ND	0.096	mg/Kg	1	10/6/2021 10:23:00 PM	63017
Surr: 4-Bromofluorobenzene	94.1	70-130	%Rec	1	10/6/2021 10:23:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP7-8

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 9:25:00 AM

 Lab ID:
 2110009-012
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	1200	60	mg/Kg	20	10/6/2021 2:51:42 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/5/2021 1:00:23 PM	63019
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/5/2021 1:00:23 PM	63019
Surr: DNOP	74.4	70-130	%Rec	1	10/5/2021 1:00:23 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/6/2021 10:42:00 PM	63017
Surr: BFB	102	70-130	%Rec	1	10/6/2021 10:42:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/6/2021 10:42:00 PM	63017
Toluene	ND	0.049	mg/Kg	1	10/6/2021 10:42:00 PM	63017
Ethylbenzene	ND	0.049	mg/Kg	1	10/6/2021 10:42:00 PM	63017
Xylenes, Total	ND	0.097	mg/Kg	1	10/6/2021 10:42:00 PM	63017
Surr: 4-Bromofluorobenzene	90.6	70-130	%Rec	1	10/6/2021 10:42:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP7-12

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 9:30:00 AM

 Lab ID:
 2110009-013
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	190	60	mg/Kg	20	10/6/2021 3:04:07 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/5/2021 1:12:37 PM	63019
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/5/2021 1:12:37 PM	63019
Surr: DNOP	79.8	70-130	%Rec	1	10/5/2021 1:12:37 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/6/2021 11:02:00 PM	63017
Surr: BFB	97.9	70-130	%Rec	1	10/6/2021 11:02:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	10/6/2021 11:02:00 PM	63017
Toluene	ND	0.047	mg/Kg	1	10/6/2021 11:02:00 PM	63017
Ethylbenzene	ND	0.047	mg/Kg	1	10/6/2021 11:02:00 PM	63017
Xylenes, Total	ND	0.094	mg/Kg	1	10/6/2021 11:02:00 PM	63017
Surr: 4-Bromofluorobenzene	86.4	70-130	%Rec	1	10/6/2021 11:02:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP7-14

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 9:35:00 AM

 Lab ID:
 2110009-014
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/5/2021 1:24:56 PM	63019
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/5/2021 1:24:56 PM	63019
Surr: DNOP	77.9	70-130	%Rec	1	10/5/2021 1:24:56 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/6/2021 11:22:00 PM	63017
Surr: BFB	94.3	70-130	%Rec	1	10/6/2021 11:22:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	10/6/2021 11:22:00 PM	63017
Toluene	ND	0.049	mg/Kg	1	10/6/2021 11:22:00 PM	63017
Ethylbenzene	ND	0.049	mg/Kg	1	10/6/2021 11:22:00 PM	63017
Xylenes, Total	ND	0.099	mg/Kg	1	10/6/2021 11:22:00 PM	63017
Surr: 4-Bromofluorobenzene	83.3	70-130	%Rec	1	10/6/2021 11:22:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP8-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 9:55:00 AM

 Lab ID:
 2110009-015
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	1100	60	mg/Kg	20	10/6/2021 3:16:31 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/5/2021 1:37:15 PM	63019
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/5/2021 1:37:15 PM	63019
Surr: DNOP	76.2	70-130	%Rec	1	10/5/2021 1:37:15 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/6/2021 11:41:00 PM	63017
Surr: BFB	99.4	70-130	%Rec	1	10/6/2021 11:41:00 PM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/6/2021 11:41:00 PM	63017
Toluene	ND	0.049	mg/Kg	1	10/6/2021 11:41:00 PM	63017
Ethylbenzene	ND	0.049	mg/Kg	1	10/6/2021 11:41:00 PM	63017
Xylenes, Total	ND	0.098	mg/Kg	1	10/6/2021 11:41:00 PM	63017
Surr: 4-Bromofluorobenzene	84.6	70-130	%Rec	1	10/6/2021 11:41:00 PM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP8-6

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:00:00 AM

 Lab ID:
 2110009-016
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	1300	59		mg/Kg	20	10/6/2021 3:28:56 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/5/2021 1:49:26 PM	63019
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/5/2021 1:49:26 PM	63019
Surr: DNOP	64.4	70-130	S	%Rec	1	10/5/2021 1:49:26 PM	63019
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/7/2021 12:01:00 AM	63017
Surr: BFB	97.6	70-130		%Rec	1	10/7/2021 12:01:00 AM	63017
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	ND	0.025		mg/Kg	1	10/7/2021 12:01:00 AM	63017
Toluene	ND	0.050		mg/Kg	1	10/7/2021 12:01:00 AM	63017
Ethylbenzene	ND	0.050		mg/Kg	1	10/7/2021 12:01:00 AM	63017
Xylenes, Total	ND	0.10		mg/Kg	1	10/7/2021 12:01:00 AM	63017
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	10/7/2021 12:01:00 AM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP8-10

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:05:00 AM

 Lab ID:
 2110009-017
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	1300	60	mg/Kg	20	10/6/2021 3:41:20 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/5/2021 2:01:41 PM	63019
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/5/2021 2:01:41 PM	63019
Surr: DNOP	77.0	70-130	%Rec	1	10/5/2021 2:01:41 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/7/2021 12:21:00 AM	63017
Surr: BFB	101	70-130	%Rec	1	10/7/2021 12:21:00 AM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	10/7/2021 12:21:00 AM	63017
Toluene	ND	0.047	mg/Kg	1	10/7/2021 12:21:00 AM	63017
Ethylbenzene	ND	0.047	mg/Kg	1	10/7/2021 12:21:00 AM	63017
Xylenes, Total	ND	0.093	mg/Kg	1	10/7/2021 12:21:00 AM	63017
Surr: 4-Bromofluorobenzene	91.2	70-130	%Rec	1	10/7/2021 12:21:00 AM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP8-14

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:15:00 AM

 Lab ID:
 2110009-018
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	630	59	mg/Kg	20	10/6/2021 3:53:45 AM	63042
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/5/2021 2:13:54 PM	63019
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/5/2021 2:13:54 PM	63019
Surr: DNOP	79.4	70-130	%Rec	1	10/5/2021 2:13:54 PM	63019
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/7/2021 1:20:00 AM	63017
Surr: BFB	98.7	70-130	%Rec	1	10/7/2021 1:20:00 AM	63017
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/7/2021 1:20:00 AM	63017
Toluene	ND	0.048	mg/Kg	1	10/7/2021 1:20:00 AM	63017
Ethylbenzene	ND	0.048	mg/Kg	1	10/7/2021 1:20:00 AM	63017
Xylenes, Total	ND	0.096	mg/Kg	1	10/7/2021 1:20:00 AM	63017
Surr: 4-Bromofluorobenzene	85.6	70-130	%Rec	1	10/7/2021 1:20:00 AM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP8-16

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:20:00 AM

 Lab ID:
 2110009-019
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	10/5/2021 2:26:19 PM	63019
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/5/2021 2:26:19 PM	63019
Surr: DNOP	63.4	70-130	S	%Rec	1	10/5/2021 2:26:19 PM	63019
EPA METHOD 8015D: GASOLINE RANGE						Analyst	mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/7/2021 1:39:00 AM	63017
Surr: BFB	98.9	70-130		%Rec	1	10/7/2021 1:39:00 AM	63017
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	ND	0.023		mg/Kg	1	10/7/2021 1:39:00 AM	63017
Toluene	ND	0.047		mg/Kg	1	10/7/2021 1:39:00 AM	63017
Ethylbenzene	ND	0.047		mg/Kg	1	10/7/2021 1:39:00 AM	63017
Xylenes, Total	ND	0.093		mg/Kg	1	10/7/2021 1:39:00 AM	63017
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	10/7/2021 1:39:00 AM	63017

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP9-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:40:00 AM

 Lab ID:
 2110009-020
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1800	60	mg/Kg	20	10/6/2021 9:27:40 AM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/8/2021 10:05:20 AM	63051
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/8/2021 10:05:20 AM	63051
Surr: DNOP	102	70-130	%Rec	1	10/8/2021 10:05:20 AM	63051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/7/2021 2:58:00 AM	63023
Surr: BFB	109	70-130	%Rec	1	10/7/2021 2:58:00 AM	63023
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/7/2021 2:58:00 AM	63023
Toluene	ND	0.048	mg/Kg	1	10/7/2021 2:58:00 AM	63023
Ethylbenzene	ND	0.048	mg/Kg	1	10/7/2021 2:58:00 AM	63023
Xylenes, Total	ND	0.096	mg/Kg	1	10/7/2021 2:58:00 AM	63023
Surr: 4-Bromofluorobenzene	93.2	70-130	%Rec	1	10/7/2021 2:58:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP9-6

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:45:00 AM

 Lab ID:
 2110009-021
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1700	60	mg/Kg	20	10/6/2021 10:04:54 AM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/8/2021 4:59:37 PM	63051
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/8/2021 4:59:37 PM	63051
Surr: DNOP	117	70-130	%Rec	1	10/8/2021 4:59:37 PM	63051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/7/2021 3:57:00 AM	63023
Surr: BFB	97.2	70-130	%Rec	1	10/7/2021 3:57:00 AM	63023
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	10/7/2021 3:57:00 AM	63023
Toluene	ND	0.049	mg/Kg	1	10/7/2021 3:57:00 AM	63023
Ethylbenzene	ND	0.049	mg/Kg	1	10/7/2021 3:57:00 AM	63023
Xylenes, Total	ND	0.099	mg/Kg	1	10/7/2021 3:57:00 AM	63023
Surr: 4-Bromofluorobenzene	87.6	70-130	%Rec	1	10/7/2021 3:57:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP9-10

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:50:00 AM

 Lab ID:
 2110009-022
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	120	60		mg/Kg	20	10/6/2021 10:42:08 AM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/8/2021 5:12:11 PM	63051
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/8/2021 5:12:11 PM	63051
Surr: DNOP	69.1	70-130	S	%Rec	1	10/8/2021 5:12:11 PM	63051
EPA METHOD 8015D: GASOLINE RANGE						Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/7/2021 4:56:00 AM	63023
Surr: BFB	98.6	70-130		%Rec	1	10/7/2021 4:56:00 AM	63023
EPA METHOD 8021B: VOLATILES						Analyst	mb
Benzene	ND	0.024		mg/Kg	1	10/7/2021 4:56:00 AM	63023
Toluene	ND	0.048		mg/Kg	1	10/7/2021 4:56:00 AM	63023
Ethylbenzene	ND	0.048		mg/Kg	1	10/7/2021 4:56:00 AM	63023
Xylenes, Total	ND	0.095		mg/Kg	1	10/7/2021 4:56:00 AM	63023
Surr: 4-Bromofluorobenzene	87.8	70-130		%Rec	1	10/7/2021 4:56:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP9-12

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 10:55:00 AM

 Lab ID:
 2110009-023
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/8/2021 5:25:02 PM	63051
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/8/2021 5:25:02 PM	63051
Surr: DNOP	87.5	70-130	%Rec	1	10/8/2021 5:25:02 PM	63051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/7/2021 5:16:00 AM	63023
Surr: BFB	98.9	70-130	%Rec	1	10/7/2021 5:16:00 AM	63023
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/7/2021 5:16:00 AM	63023
Toluene	ND	0.048	mg/Kg	1	10/7/2021 5:16:00 AM	63023
Ethylbenzene	ND	0.048	mg/Kg	1	10/7/2021 5:16:00 AM	63023
Xylenes, Total	ND	0.097	mg/Kg	1	10/7/2021 5:16:00 AM	63023
Surr: 4-Bromofluorobenzene	86.6	70-130	%Rec	1	10/7/2021 5:16:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP10-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 12:30:00 PM

 Lab ID:
 2110009-024
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	2400	60	mg/Kg	20	10/6/2021 10:54:33 AM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/8/2021 5:37:26 PM	63051
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/8/2021 5:37:26 PM	63051
Surr: DNOP	102	70-130	%Rec	1	10/8/2021 5:37:26 PM	63051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/7/2021 5:36:00 AM	63023
Surr: BFB	103	70-130	%Rec	1	10/7/2021 5:36:00 AM	63023
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.025	mg/Kg	1	10/7/2021 5:36:00 AM	63023
Toluene	ND	0.049	mg/Kg	1	10/7/2021 5:36:00 AM	63023
Ethylbenzene	ND	0.049	mg/Kg	1	10/7/2021 5:36:00 AM	63023
Xylenes, Total	ND	0.098	mg/Kg	1	10/7/2021 5:36:00 AM	63023
Surr: 4-Bromofluorobenzene	90.7	70-130	%Rec	1	10/7/2021 5:36:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP10-6

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 12:35:00 PM

 Lab ID:
 2110009-025
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	1900	60	mg/Kg	20	10/6/2021 11:31:48 AM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/8/2021 5:49:52 PM	63051
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/8/2021 5:49:52 PM	63051
Surr: DNOP	110	70-130	%Rec	1	10/8/2021 5:49:52 PM	63051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/7/2021 5:56:00 AM	63023
Surr: BFB	107	70-130	%Rec	1	10/7/2021 5:56:00 AM	63023
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	10/7/2021 5:56:00 AM	63023
Toluene	ND	0.049	mg/Kg	1	10/7/2021 5:56:00 AM	63023
Ethylbenzene	ND	0.049	mg/Kg	1	10/7/2021 5:56:00 AM	63023
Xylenes, Total	ND	0.099	mg/Kg	1	10/7/2021 5:56:00 AM	63023
Surr: 4-Bromofluorobenzene	93.1	70-130	%Rec	1	10/7/2021 5:56:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP10-8

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 12:40:00 PM

 Lab ID:
 2110009-026
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	110	60	mg/Kg	20	10/6/2021 11:44:12 AM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/8/2021 6:02:23 PM	63051
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/8/2021 6:02:23 PM	63051
Surr: DNOP	102	70-130	%Rec	1	10/8/2021 6:02:23 PM	63051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/7/2021 6:15:00 AM	63023
Surr: BFB	94.6	70-130	%Rec	1	10/7/2021 6:15:00 AM	63023
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/7/2021 6:15:00 AM	63023
Toluene	ND	0.047	mg/Kg	1	10/7/2021 6:15:00 AM	63023
Ethylbenzene	ND	0.047	mg/Kg	1	10/7/2021 6:15:00 AM	63023
Xylenes, Total	ND	0.094	mg/Kg	1	10/7/2021 6:15:00 AM	63023
Surr: 4-Bromofluorobenzene	86.6	70-130	%Rec	1	10/7/2021 6:15:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP10-9

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 12:45:00 PM

 Lab ID:
 2110009-027
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	10/8/2021 6:14:49 PM	63051
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/8/2021 6:14:49 PM	63051
Surr: DNOP	110	70-130	%Rec	1	10/8/2021 6:14:49 PM	63051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/7/2021 6:35:00 AM	63023
Surr: BFB	96.2	70-130	%Rec	1	10/7/2021 6:35:00 AM	63023
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	10/7/2021 6:35:00 AM	63023
Toluene	ND	0.049	mg/Kg	1	10/7/2021 6:35:00 AM	63023
Ethylbenzene	ND	0.049	mg/Kg	1	10/7/2021 6:35:00 AM	63023
Xylenes, Total	ND	0.099	mg/Kg	1	10/7/2021 6:35:00 AM	63023
Surr: 4-Bromofluorobenzene	83.2	70-130	%Rec	1	10/7/2021 6:35:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP11-S

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 1:15:00 PM

 Lab ID:
 2110009-028
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	ND	60		mg/Kg	20	10/6/2021 11:56:36 AM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/8/2021 6:27:27 PM	63051
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/8/2021 6:27:27 PM	63051
Surr: DNOP	65.4	70-130	S	%Rec	1	10/8/2021 6:27:27 PM	63051
EPA METHOD 8015D: GASOLINE RANGE						Analyst	mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/7/2021 7:34:00 AM	63023
Surr: BFB	103	70-130		%Rec	1	10/7/2021 7:34:00 AM	63023
EPA METHOD 8021B: VOLATILES						Analyst	mb
Benzene	ND	0.024		mg/Kg	1	10/7/2021 7:34:00 AM	63023
Toluene	ND	0.047		mg/Kg	1	10/7/2021 7:34:00 AM	63023
Ethylbenzene	ND	0.047		mg/Kg	1	10/7/2021 7:34:00 AM	63023
Xylenes, Total	ND	0.094		mg/Kg	1	10/7/2021 7:34:00 AM	63023
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	10/7/2021 7:34:00 AM	63023

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

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Date Reported: 10/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP11-2

 Project:
 Gissler AV Tank Battery
 Collection Date: 9/29/2021 1:05:00 PM

 Lab ID:
 2110009-029
 Matrix: SOIL
 Received Date: 10/1/2021 7:38:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	210	60		mg/Kg	20	10/6/2021 12:09:01 PM	63068
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/8/2021 6:40:01 PM	63051
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/8/2021 6:40:01 PM	63051
Surr: DNOP	68.4	70-130	S	%Rec	1	10/8/2021 6:40:01 PM	63051
EPA METHOD 8015D: GASOLINE RANGE						Analyst	mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/7/2021 7:54:00 AM	63023
Surr: BFB	105	70-130		%Rec	1	10/7/2021 7:54:00 AM	63023
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	ND	0.025		mg/Kg	1	10/7/2021 7:54:00 AM	63023
Toluene	ND	0.050		mg/Kg	1	10/7/2021 7:54:00 AM	63023
Ethylbenzene	ND	0.050		mg/Kg	1	10/7/2021 7:54:00 AM	63023
Xylenes, Total	ND	0.10		mg/Kg	1	10/7/2021 7:54:00 AM	63023
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	10/7/2021 7:54:00 AM	63023

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110009**

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-63042 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **63042** RunNo: **81813**

Prep Date: 10/5/2021 Analysis Date: 10/5/2021 SeqNo: 2894205 Units: mq/Kq

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

Chloride ND 1.5

Sample ID: LCS-63042 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63042 RunNo: 81813

Prep Date: 10/5/2021 Analysis Date: 10/5/2021 SeqNo: 2894206 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 94.7 90 110

Sample ID: MB-63068 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **63068** RunNo: **81844**

Prep Date: 10/6/2021 Analysis Date: 10/6/2021 SeqNo: 2895385 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-63068 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63068 RunNo: 81844

Prep Date: 10/6/2021 Analysis Date: 10/6/2021 SeqNo: 2895386 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 96.4 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

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2110009 14-Oct-21

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-63019 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 63019 RunNo: 81801 Prep Date: 10/4/2021 Analysis Date: 10/5/2021 SeqNo: 2894811 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 Surr: DNOP 70 8.9 10.00 88.7 130

Sample ID: LCS-63019 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 63019 RunNo: 81801 Prep Date: 10/4/2021 Analysis Date: 10/5/2021 SeqNo: 2894812 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 44 50.00 88.6 68.9 135 Surr: DNOP 4.1 5.000 82.9 70 130

Sample ID: MB-63051 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 63051 RunNo: 81900 Prep Date: 10/5/2021 Analysis Date: 10/8/2021 SeqNo: 2898289 Units: mg/Kg 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 10.00 104 70 130

Sample ID: LCS-63051 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 63051 RunNo: 81900 Prep Date: 10/5/2021 Analysis Date: 10/8/2021 SeqNo: 2898290 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit Diesel Range Organics (DRO) 58 68.9 10 50.00 116 135 Surr: DNOP 5.9 5.000 118 130

Sample ID: 2110009-020AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: TP9-2 Batch ID: 63051 RunNo: 81900 Analysis Date: 10/8/2021 Prep Date: 10/5/2021 SeqNo: 2898292 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual Diesel Range Organics (DRO) 59 10 0 119 39.3 49.95 155 Surr: DNOP 6.2 4.995 125 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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110009** *14-Oct-21*

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2110009-020AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **TP9-2** Batch ID: **63051** RunNo: **81900**

Prep Date: 10/5/2021 Analysis Date: 10/8/2021 SeqNo: 2898606 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	9.2	45.96	0	82.7	39.3	155	43.9	23.4	R
Surr: DNOP	3.7		4.596		79.5	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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2110009 14-Oct-21

Client: GHD Midland

Sample ID: Ics-63017

Project: Gissler AV Tank Battery

Sample ID: mb-63017 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63017 RunNo: 81827

Analysis Date: 10/6/2021 SeqNo: 2895595 Prep Date: 10/4/2021 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 1100 1000 109 70 130

Sample ID: mb-63023 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63023 RunNo: 81827

SampType: LCS

Prep Date: 10/4/2021 Units: mg/Kg Analysis Date: 10/7/2021 SeqNo: 2895596

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

TestCode: EPA Method 8015D: Gasoline Range

Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 1000 1000 101 70

130

Client ID: LCSS Batch ID: 63017 RunNo: 81827

Prep Date: 10/4/2021 Analysis Date: 10/6/2021 SeqNo: 2895597 Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Gasoline Range Organics (GRO) 32 5.0 25.00 0 130 78.6 131

Surr: BFB 1300 1000 126 70 130

Sample ID: Ics-63023 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63023 RunNo: 81827

Prep Date: 10/4/2021 Analysis Date: 10/7/2021 SeqNo: 2895598 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 26 5.0 0 104 25.00 78.6 131

Surr: BFB 1100 1000 107 70 130

Sample ID: 2110009-020ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP9-2 Batch ID: 63023 RunNo: 81827

Prep Date: 10/4/2021 Analysis Date: 10/7/2021 SeqNo: 2895600 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 28 0 61.3 S 4.9 24.63 115 114 Surr: BFB 1100 985.2 116 70 130

TestCode: EPA Method 8015D: Gasoline Range Sample ID: 2110009-020amsd SampType: MSD

Client ID: TP9-2 Batch ID: 63023 RunNo: 81827

Prep Date: 10/4/2021 Units: mg/Kg Analysis Date: 10/7/2021 SeqNo: 2895602

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

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 33 of 36

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110009**

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2110009-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **TP9-2** Batch ID: **63023** RunNo: **81827**

Prep Date: 10/4/2021 Analysis Date: 10/7/2021 SeqNo: 2895602 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 0 61.3 20 27 4.7 23.65 113 114 6.58 Surr: BFB 1100 946.1 117 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2110009**

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-63017 SampType: MBLK TestCode: EPA Method 8021B: Volatiles
Client ID: PBS Batch ID: 63017 RunNo: 81827

Prep Date: 10/4/2021 Analysis Date: 10/6/2021 SeqNo: 2895634 Units: mg/Kg

PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual Benzene ND 0.025 Toluene ND 0.050

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

 Surr: 4-Bromofluorobenzene
 1.0
 1.000
 99.6
 70
 130

Sample ID: mb-63023 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 63023 RunNo: 81827

Prep Date: 10/4/2021 Analysis Date: 10/7/2021 SeqNo: 2895635 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** LowLimit Qual 0.025 ND Benzene Toluene ND 0.050 0.050 ND Ethylbenzene ND Xylenes, Total 0.10

Surr: 4-Bromofluorobenzene 0.93 1.000 92.9 70 130

Sample ID: Ics-63017 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 63017 RunNo: 81827 Prep Date: 10/4/2021 Analysis Date: 10/6/2021 SeqNo: 2895636 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.025 108 80 1.000 120 Benzene 1.1 O Toluene 0.050 1.000 0 108 80 120 1.1 0.050 0 107 80 120 Ethylbenzene 1.1 1.000 Xylenes, Total 3.2 0.10 3.000 0 108 80 120 Surr: 4-Bromofluorobenzene 95.3 0.95 1.000 70 130

TestCode: EPA Method 8021B: Volatiles Sample ID: Ics-63023 SampType: LCS Client ID: LCSS Batch ID: 63023 RunNo: 81827 Prep Date: 10/4/2021 Analysis Date: 10/7/2021 SeqNo: 2895637 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual 0.96 0.025 1.000 0 95.8 80 120 Benzene Toluene 0.94 0.050 1.000 0 93.8 80 120 Ethylbenzene 0.93 0.050 1.000 0 92.7 80 120 Xylenes, Total 2.9 0.10 3.000 0 95.8 80 120 Surr: 4-Bromofluorobenzene 0.91 1.000 90.8 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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2110009**

14-Oct-21

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2110009-001ams	SampT	ype: MS	3	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: TP5-2	Batch	n ID: 63 0	017	R	RunNo: 8	1827				
Prep Date: 10/4/2021	Analysis D	Date: 10	/6/2021	S	SeqNo: 2	895638	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9625	0	99.1	80	120			
Toluene	0.93	0.048	0.9625	0	96.8	80	120			
Ethylbenzene	0.99	0.048	0.9625	0	103	80	120			
Xylenes, Total	3.0	0.096	2.887	0	106	80	120			
Surr: 4-Bromofluorobenzene	0.92		0.9625		95.5	70	130			

Sample ID: 2110009-021ams	SampT	ype: MS	6	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: TP9-6	Batch	n ID: 63 0	023	F	RunNo: 8	1827				
Prep Date: 10/4/2021	Analysis D	oate: 10)/7/2021	S	SeqNo: 2	895639	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	0.9852	0	93.7	80	120			
Toluene	0.93	0.049	0.9852	0	94.3	80	120			
Ethylbenzene	0.94	0.049	0.9852	0	95.6	80	120			
Xylenes, Total	2.9	0.099	2.956	0	98.3	80	120			
Surr: 4-Bromofluorobenzene	0.89		0.9852		90.5	70	130			

Sample ID: 2110009-001amsc	I Samp⊺	Гуре: М \$	SD	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: TP5-2	Batcl	h ID: 63	017	F	RunNo: 8	1827				
Prep Date: 10/4/2021	Analysis D	Date: 10	/6/2021	S	SeqNo: 2	895642	Units: mg/K	ίg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9709	0	103	80	120	4.24	20	
Toluene	1.0	0.049	0.9709	0	104	80	120	7.83	20	
Ethylbenzene	1.0	0.049	0.9709	0	104	80	120	2.17	20	
Xylenes, Total	3.1	0.097	2.913	0	107	80	120	2.36	20	
Surr: 4-Bromofluorobenzene	0.91		0.9709		94.2	70	130	0	0	

Sample ID: 2110009-021amsd	SampT	уре: МЅ	SD.	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: TP9-6	Batch	ID: 630	023	F	RunNo: 8	1827				
Prep Date: 10/4/2021	Analysis D	ate: 10	/7/2021	S	SeqNo: 2	895644	Units: mg/k	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.024	0.9690	0	96.0	80	120	0.708	20	
Toluene	0.93	0.048	0.9690	0	95.8	80	120	0.0723	20	
Ethylbenzene	0.93	0.048	0.9690	0	95.9	80	120	1.32	20	
Xylenes, Total	2.9	0.097	2.907	0	98.5	80	120	1.49	20	
Surr: 4-Bromofluorobenzene	0.91		0.9690		94.2	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

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ENVIRONMENTAL ANALYSIS LABORATORY Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3075 EAV; 505-345-4107

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: 211	0009			RcptNo: 1	
Received By: Tracy Casarrubias	10/1/2021 7:38:00	АМ					
Completed By: Sean Livingston	10/1/2021 9:39:19	AM		<	1	not-	
Reviewed By: JR 10/1/21),		Not-	
Chain of Custody							
1. Is Chain of Custody complete?		Yes	V	No		Not Present	
2. How was the sample delivered?		Cou	rier				
<u>Log In</u>							
3. Was an attempt made to cool the samples?		Yes	V	No		NA 🗆	
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes	V	No		NA 🗆	
5. Sample(s) in proper container(s)?		Yes	V	No			
6. Sufficient sample volume for indicated test(s)?	Yes	V	No			
7. Are samples (except VOA and ONG) properl	y preserved?	Yes	V	No			
8. Was preservative added to bottles?		Yes		No	V	NA 🗌	
9. Received at least 1 vial with headspace <1/4	" for AQ VOA?	Yes		No		NA 🗹	
10, Were any sample containers received broke	n?	Yes		No	V	# of preserved	-/-
11. Does paperwork match bottle labels?		Yes	✓	No		bottles checked for pH:	
(Note discrepancies on chain of custody)		168	•	NO		(<2 or >12 unl	ess noted)
12. Are matrices correctly identified on Chain of	Custody?	Yes	V	No		Adjusted?	
13. Is it clear what analyses were requested?		Yes	V	No			
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes	V	No		Checked by: TMC	10/1/21
Special Handling (if applicable)					/		
15. Was client notified of all discrepancies with t	his order?	Yes		No	П	NA 🗹	
Person Notified:	Date:			200			
By Whom:	Via:	eMa	ail 🖂	Phone [Fax	In Person	
Regarding:				. ((0.00)	, un		
Client Instructions:							
16. Additional remarks:							
17. Cooler Information							
	al Intact Seal No	Seal Da	ite	Signed I	Bv		
1 5.8 Good			C.L.		4		

CHAIN-OI-CUSTODY RECORD	_ 			HAL	I	L EN	IR	L ENVIRONMENTAL	TAL
	Project Name:	h S-c/k,		A	MI	YSI	S LA	ANALYSIS LABORATORY	ORY
	TUN TINE	S Paris	4901 F	www.ha	<u></u>	www.hallenvironmental.com	mental	environmental.com	
324 W. Main St. Suite 108, Artesia NM 88210	4	6	Tel. 5(505-345-3975		Fax	505-34	Sayuelque, INIM 67 108 Fax 505-345-4107	
(505)377-4218	12563	38			An	Analysis Request	Reque	st	
Becky. Haskell@ghd.com	Project Manager:		-			†C	(+	C	E
	Becky Haskell		ABO	SI		os "	103	02	
☐ Level 4 (Full Validation)	Tom Larson		110	NIS		₽Od	90/	2	
Az Compliance	Sampler: Zach Comino	0	AO,			O2,	u036		
		ON 🗆	0		Î	N		4	
#	# of Coolers: % i sec-	121101年	ВЭ		alsi			オー	
	Cooler Temp(including CF); S.9-0.1	1-0.1:5.8	2D(əΜ			7	
Sample Name	Container Preservative Type and # Type	Sur colitat HEAL No.	3081 Pe	M) BDE	8 AADS	SSE0 (VC	92) 0728 102 leto	otal Col	
B-2	Te	8	Q		1			2 4	
TR-8	, , , , , , , , , , , , , , , , , , ,	200							
TRS-16		200							
TPS:20		204						2	
T-7-1		500							
TP6-8		200							
TP6-12		F00							
TPC-16		800							
TP6-18		339						S	
TP6-20		010						2	
TP7-2	,	110	,						
3-1-8	-	0	1.1					>	
cinia (2)	3	4 30 71 800	Remarks: Please Tom.Larson	Please Larson	email: @ghd.	Chase com; Za	Settle ach. Co	irks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com	es.com;
Reinquished by:	Received by: Via:	Time	Maria	. raug	3	listed above.	Nove.	inguisew.caugimin@gila.com. Along with becky haskell listed above.	ask ell
() () () () () () () () () ()	1	10/1/2/ 1.20		Dire	ect Bill	to EOC	Chase	Direct Bill to EOG Chase Settle	

5107	. :	JKAIOKY	www.nallenvironmental.com 4901 Hawkins NF - Albuquerque NM 87109		Analysis Request	(1) P(SI SCO	SIW SIW	2270 1) 2270 2270	N (A	O3 ³	stici etici etho 83 Met Met (AC	H:801 H:801 DB (Me THS by THS by THS by THS by THS by THS by THS by THS by	85. C(1' BCC BCC BCC BCC BCC BCC BCC BCC BCC BC		8					λ				2		Remarks: Please email: Chase_Settle@eogresources.com;	Tom.Larson@ghd.com; Zach.Comino@ghd.com	inguisew. Laugimin@gira.com. Along v	19a WWW Direct Bill to EOG Chase Settle
Turn-Around Time:	AbStandard Rush S-2		Gissley AV Tul BH	Project #:	16227501	١	Becky Haskell	Tom Larson	Sampler: Zach Comino		olers: \$	O(including CF): 5.9		Type and # Type	00.3	710	8)0	900	410	800	5)0	CN	05(720	\$20	۲۲۰ /	Received by: Via: Date Time	Juny 30	Received by: Via: Date Time	10/1/10
Chain-of-Custody Record	Client: GHD		Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Becky.Haskell@ghd.com	QA/QC Package:	☐ Level 4 (Full Validation)	on: Az Compliance	□ NELAC □ Other				Matrix Carrior Narra	09282 092 S 717-12	CA35 1 TP-14	C955 TPB-2	1000 TP8-6	1005 TP8-10	PE: 1997 - 2014	10xC TP8-16	1040 TP9-2	1045 TP9-6	01-107	1055 1 779-12	1230 TRIC-7	Relinquished by:	ord ococo Zeel Comino Ble	Time: Relinquished by:	18 m 19 a a a

4

325-12

1240 5421 1315

Time

Date

EDD (Type)

Accreditation: □ Standard

O NELAC

if necessary, samples submitted to Hall Environmental may be subc

Time:

Date:

QA/QC Package:

email or Fax#:

Phone #:

Mailing Address:

Client: GHD



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

October 29, 2021

Becky Haskell GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX:

RE: Gissler AV Battery OrderNo.: 2110A69

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 18 sample(s) on 10/22/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP12-2

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 1:45:00 PM

 Lab ID:
 2110A69-001
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	130	60	mg/Kg	20	10/27/2021 7:08:08 PM	63619
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/26/2021 12:54:29 AM	1 63522
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2021 12:54:29 AM	1 63522
Surr: DNOP	83.3	70-130	%Rec	1	10/26/2021 12:54:29 AM	1 63522
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/25/2021 8:17:53 PM	63500
Surr: BFB	103	70-130	%Rec	1	10/25/2021 8:17:53 PM	63500
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	10/25/2021 8:17:53 PM	63500
Toluene	ND	0.050	mg/Kg	1	10/25/2021 8:17:53 PM	63500
Ethylbenzene	ND	0.050	mg/Kg	1	10/25/2021 8:17:53 PM	63500
Xylenes, Total	ND	0.10	mg/Kg	1	10/25/2021 8:17:53 PM	63500
Surr: 4-Bromofluorobenzene	85.7	70-130	%Rec	1	10/25/2021 8:17:53 PM	63500

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 25

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP12-4

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 1:55:00 PM

 Lab ID:
 2110A69-002
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	410	60	mg/Kg	20	10/27/2021 8:09:55 PM	63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	140	9.8	mg/Kg	1	10/27/2021 3:07:03 PM	63522
Motor Oil Range Organics (MRO)	310	49	mg/Kg	1	10/27/2021 3:07:03 PM	63522
Surr: DNOP	112	70-130	%Rec	1	10/27/2021 3:07:03 PM	63522
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/25/2021 8:41:11 PM	63500
Surr: BFB	103	70-130	%Rec	1	10/25/2021 8:41:11 PM	63500
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	10/25/2021 8:41:11 PM	63500
Toluene	ND	0.048	mg/Kg	1	10/25/2021 8:41:11 PM	63500
Ethylbenzene	ND	0.048	mg/Kg	1	10/25/2021 8:41:11 PM	63500
Xylenes, Total	ND	0.096	mg/Kg	1	10/25/2021 8:41:11 PM	63500
Surr: 4-Bromofluorobenzene	86.5	70-130	%Rec	1	10/25/2021 8:41:11 PM	63500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP12-6

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 2:05:00 PM

 Lab ID:
 2110A69-003
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/27/2021 8:22:17 PM	63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/26/2021 1:16:35 AM	63522
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2021 1:16:35 AM	63522
Surr: DNOP	72.9	70-130	%Rec	1	10/26/2021 1:16:35 AM	63522
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/25/2021 9:04:32 PM	63500
Surr: BFB	108	70-130	%Rec	1	10/25/2021 9:04:32 PM	63500
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	10/25/2021 9:04:32 PM	63500
Toluene	ND	0.048	mg/Kg	1	10/25/2021 9:04:32 PM	63500
Ethylbenzene	ND	0.048	mg/Kg	1	10/25/2021 9:04:32 PM	63500
Xylenes, Total	ND	0.096	mg/Kg	1	10/25/2021 9:04:32 PM	63500
Surr: 4-Bromofluorobenzene	91.8	70-130	%Rec	1	10/25/2021 9:04:32 PM	63500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP13-2

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 12:45:00 PM

 Lab ID:
 2110A69-004
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	870	60		mg/Kg	20	10/27/2021 8:34:37 PM	63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	:: SB
Diesel Range Organics (DRO)	1200	99		mg/Kg	10	10/27/2021 5:14:50 PM	63522
Motor Oil Range Organics (MRO)	2700	490		mg/Kg	10	10/27/2021 5:14:50 PM	63522
Surr: DNOP	0	70-130	S	%Rec	10	10/27/2021 5:14:50 PM	63522
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/25/2021 9:28:00 PM	63500
Surr: BFB	102	70-130		%Rec	5	10/25/2021 9:28:00 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	10/25/2021 9:28:00 PM	63500
Toluene	ND	0.24		mg/Kg	5	10/25/2021 9:28:00 PM	63500
Ethylbenzene	ND	0.24		mg/Kg	5	10/25/2021 9:28:00 PM	63500
Xylenes, Total	ND	0.47		mg/Kg	5	10/25/2021 9:28:00 PM	63500
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	5	10/25/2021 9:28:00 PM	63500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP13-6

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 12:50:00 PM

 Lab ID:
 2110A69-005
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	790	61		mg/Kg	20	10/27/2021 8:46:59 PM	63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	1200	200		mg/Kg	20	10/27/2021 5:38:43 PM	63522
Motor Oil Range Organics (MRO)	3100	990		mg/Kg	20	10/27/2021 5:38:43 PM	63522
Surr: DNOP	0	70-130	S	%Rec	20	10/27/2021 5:38:43 PM	63522
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/25/2021 9:51:25 PM	63500
Surr: BFB	104	70-130		%Rec	5	10/25/2021 9:51:25 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	10/25/2021 9:51:25 PM	63500
Toluene	ND	0.24		mg/Kg	5	10/25/2021 9:51:25 PM	63500
Ethylbenzene	ND	0.24		mg/Kg	5	10/25/2021 9:51:25 PM	63500
Xylenes, Total	ND	0.48		mg/Kg	5	10/25/2021 9:51:25 PM	63500
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	5	10/25/2021 9:51:25 PM	63500

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

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Date Reported: 10/29/2021

10/25/2021 11:01:18 PM 63500

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP13-10

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 1:00:00 PM

 Lab ID:
 2110A69-006
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/27/2021 8:59:19 PM 63619 1600 60 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 10/27/2021 6:02:33 PM 390 50 mg/Kg 5 Motor Oil Range Organics (MRO) 900 250 mg/Kg 5 10/27/2021 6:02:33 PM 63522 Surr: DNOP 107 70-130 %Rec 5 10/27/2021 6:02:33 PM 63522 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 10/25/2021 11:01:18 PM 63500 Surr: BFB 101 70-130 %Rec 1 10/25/2021 11:01:18 PM 63500 **EPA METHOD 8021B: VOLATILES** Analyst: NSB

ND

ND

ND

ND

83.4

0.025

0.050

0.050

0.099

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

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

Qualifiers:

Benzene

Toluene

Ethylbenzene

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 6 of 25

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP13-15

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 1:10:00 PM

 Lab ID:
 2110A69-007
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	LRN
Chloride	2600	150	mg/Kg	50	10/28/2021 3:36:07 PM	63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	96	9.8	mg/Kg	1	10/27/2021 4:27:05 PM	63522
Motor Oil Range Organics (MRO)	170	49	mg/Kg	1	10/27/2021 4:27:05 PM	63522
Surr: DNOP	106	70-130	%Rec	1	10/27/2021 4:27:05 PM	63522
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/25/2021 11:24:39 PM	63500
Surr: BFB	99.6	70-130	%Rec	1	10/25/2021 11:24:39 PM	63500
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	10/25/2021 11:24:39 PM	63500
Toluene	ND	0.049	mg/Kg	1	10/25/2021 11:24:39 PM	63500
Ethylbenzene	ND	0.049	mg/Kg	1	10/25/2021 11:24:39 PM	63500
Xylenes, Total	ND	0.099	mg/Kg	1	10/25/2021 11:24:39 PM	63500
Surr: 4-Bromofluorobenzene	83.2	70-130	%Rec	1	10/25/2021 11:24:39 PM	63500

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 25

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP13-18

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 1:20:00 PM

 Lab ID:
 2110A69-008
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: LF	RN
Chloride	2700	150	mg/Kg	50	10/28/2021 3:48:31 PM 63	3619
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SE	В
Diesel Range Organics (DRO)	22	9.5	mg/Kg	1	10/27/2021 4:50:57 PM 63	3522
Motor Oil Range Organics (MRO)	61	47	mg/Kg	1	10/27/2021 4:50:57 PM 63	3522
Surr: DNOP	111	70-130	%Rec	1	10/27/2021 4:50:57 PM 63	3522
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NS	SB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/25/2021 11:47:58 PM 63	3500
Surr: BFB	103	70-130	%Rec	1	10/25/2021 11:47:58 PM 63	3500
EPA METHOD 8021B: VOLATILES					Analyst: NS	SB
Benzene	ND	0.024	mg/Kg	1	10/25/2021 11:47:58 PM 63	3500
Toluene	ND	0.048	mg/Kg	1	10/25/2021 11:47:58 PM 63	3500
Ethylbenzene	ND	0.048	mg/Kg	1	10/25/2021 11:47:58 PM 63	3500
Xylenes, Total	ND	0.096	mg/Kg	1	10/25/2021 11:47:58 PM 63	3500
Surr: 4-Bromofluorobenzene	85.9	70-130	%Rec	1	10/25/2021 11:47:58 PM 63	3500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP13-20

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 1:30:00 PM

 Lab ID:
 2110A69-009
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: LRN 2400 10/28/2021 4:00:55 PM 63619 Chloride 150 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.9 mg/Kg 10/26/2021 2:22:20 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/26/2021 2:22:20 AM 63522 Surr: DNOP 94.5 70-130 %Rec 10/26/2021 2:22:20 AM 63522 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.8 mg/Kg 10/26/2021 12:11:18 AM 63500 1 Surr: BFB 105 70-130 %Rec 1 10/26/2021 12:11:18 AM 63500 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 10/26/2021 12:11:18 AM 63500 Toluene 10/26/2021 12:11:18 AM 63500 ND 0.048 mg/Kg 1 Ethylbenzene ND 0.048 10/26/2021 12:11:18 AM 63500 mg/Kg 1 Xylenes, Total ND 0.097 mg/Kg 1 10/26/2021 12:11:18 AM 63500 Surr: 4-Bromofluorobenzene 88.0 70-130 %Rec 10/26/2021 12:11:18 AM 63500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP14-S

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 2:15:00 PM

 Lab ID:
 2110A69-010
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/27/2021 10:13:30 PM	1 63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/26/2021 2:33:15 AM	63522
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2021 2:33:15 AM	63522
Surr: DNOP	103	70-130	%Rec	1	10/26/2021 2:33:15 AM	63522
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/26/2021 12:34:52 AM	1 63500
Surr: BFB	101	70-130	%Rec	1	10/26/2021 12:34:52 AM	1 63500
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	10/26/2021 12:34:52 AM	1 63500
Toluene	ND	0.050	mg/Kg	1	10/26/2021 12:34:52 AM	1 63500
Ethylbenzene	ND	0.050	mg/Kg	1	10/26/2021 12:34:52 AM	1 63500
Xylenes, Total	ND	0.10	mg/Kg	1	10/26/2021 12:34:52 AM	1 63500
Surr: 4-Bromofluorobenzene	84.2	70-130	%Rec	1	10/26/2021 12:34:52 AM	1 63500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP14-2

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 2:20:00 PM

 Lab ID:
 2110A69-011
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/27/2021 10:25:50 PM	1 63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/26/2021 2:44:07 AM	63522
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/26/2021 2:44:07 AM	63522
Surr: DNOP	82.1	70-130	%Rec	1	10/26/2021 2:44:07 AM	63522
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/26/2021 12:58:21 AM	1 63500
Surr: BFB	103	70-130	%Rec	1	10/26/2021 12:58:21 AM	1 63500
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	10/26/2021 12:58:21 AM	1 63500
Toluene	ND	0.049	mg/Kg	1	10/26/2021 12:58:21 AM	1 63500
Ethylbenzene	ND	0.049	mg/Kg	1	10/26/2021 12:58:21 AM	1 63500
Xylenes, Total	ND	0.099	mg/Kg	1	10/26/2021 12:58:21 AM	1 63500
Surr: 4-Bromofluorobenzene	85.6	70-130	%Rec	1	10/26/2021 12:58:21 AM	1 63500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP15-2

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 2:30:00 PM

 Lab ID:
 2110A69-012
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	1600	60		mg/Kg	20	10/27/2021 10:38:11 PM	1 63619
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	4600	480		mg/Kg	50	10/26/2021 2:54:58 AM	63522
Motor Oil Range Organics (MRO)	4500	2400		mg/Kg	50	10/26/2021 2:54:58 AM	63522
Surr: DNOP	0	70-130	S	%Rec	50	10/26/2021 2:54:58 AM	63522
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	10/26/2021 1:21:53 AM	63500
Surr: BFB	95.7	70-130		%Rec	5	10/26/2021 1:21:53 AM	63500
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	10/26/2021 1:21:53 AM	63500
Toluene	ND	0.25		mg/Kg	5	10/26/2021 1:21:53 AM	63500
Ethylbenzene	ND	0.25		mg/Kg	5	10/26/2021 1:21:53 AM	63500
Xylenes, Total	ND	0.50		mg/Kg	5	10/26/2021 1:21:53 AM	63500
Surr: 4-Bromofluorobenzene	78.6	70-130		%Rec	5	10/26/2021 1:21:53 AM	63500

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP15-6

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 2:40:00 PM

 Lab ID:
 2110A69-013
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	1000	60	mg/Kg	20	10/27/2021 6:13:37 PM	63622
EPA METHOD 8015D MOD: GASOLINE RANG	SE .				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 7:06:15 AM	63551
Surr: BFB	91.4	70-130	%Rec	1	10/28/2021 7:06:15 AM	63551
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/27/2021 9:02:29 PM	63557
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/27/2021 9:02:29 PM	63557
Surr: DNOP	98.5	70-130	%Rec	1	10/27/2021 9:02:29 PM	63557
EPA METHOD 8260B: VOLATILES SHORT LIS	ST				Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	10/28/2021 7:06:15 AM	63551
Toluene	ND	0.047	mg/Kg	1	10/28/2021 7:06:15 AM	63551
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 7:06:15 AM	63551
Xylenes, Total	ND	0.095	mg/Kg	1	10/28/2021 7:06:15 AM	63551
Surr: 1,2-Dichloroethane-d4	99.5	70-130	%Rec	1	10/28/2021 7:06:15 AM	63551
Surr: 4-Bromofluorobenzene	92.9	70-130	%Rec	1	10/28/2021 7:06:15 AM	63551
Surr: Dibromofluoromethane	103	70-130	%Rec	1	10/28/2021 7:06:15 AM	63551
Surr: Toluene-d8	105	70-130	%Rec	1	10/28/2021 7:06:15 AM	63551

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP15-10

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 2:45:00 PM

 Lab ID:
 2110A69-014
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	1600	60	mg/Kg	20	10/27/2021 6:50:49 PM	63622
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/28/2021 7:33:02 AM	63551
Surr: BFB	95.0	70-130	%Rec	1	10/28/2021 7:33:02 AM	63551
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/27/2021 9:34:27 PM	63557
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/27/2021 9:34:27 PM	63557
Surr: DNOP	94.1	70-130	%Rec	1	10/27/2021 9:34:27 PM	63557
EPA METHOD 8260B: VOLATILES SHORT LIS	Т				Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	10/28/2021 7:33:02 AM	63551
Toluene	ND	0.049	mg/Kg	1	10/28/2021 7:33:02 AM	63551
Ethylbenzene	ND	0.049	mg/Kg	1	10/28/2021 7:33:02 AM	63551
Xylenes, Total	ND	0.099	mg/Kg	1	10/28/2021 7:33:02 AM	63551
Surr: 1,2-Dichloroethane-d4	96.1	70-130	%Rec	1	10/28/2021 7:33:02 AM	63551
Surr: 4-Bromofluorobenzene	96.2	70-130	%Rec	1	10/28/2021 7:33:02 AM	63551
Surr: Dibromofluoromethane	101	70-130	%Rec	1	10/28/2021 7:33:02 AM	63551
Surr: Toluene-d8	105	70-130	%Rec	1	10/28/2021 7:33:02 AM	63551

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP15-14

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 2:50:00 PM

 Lab ID:
 2110A69-015
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	990	59	mg/Kg	20	10/27/2021 7:03:13 PM	63622
EPA METHOD 8015D MOD: GASOLINE RANG	GE				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/28/2021 8:00:06 AM	63551
Surr: BFB	91.5	70-130	%Rec	1	10/28/2021 8:00:06 AM	63551
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/27/2021 9:45:09 PM	63557
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/27/2021 9:45:09 PM	63557
Surr: DNOP	89.9	70-130	%Rec	1	10/27/2021 9:45:09 PM	63557
EPA METHOD 8260B: VOLATILES SHORT LI	ST				Analyst	: RAA
Benzene	ND	0.023	mg/Kg	1	10/28/2021 8:00:06 AM	63551
Toluene	ND	0.046	mg/Kg	1	10/28/2021 8:00:06 AM	63551
Ethylbenzene	ND	0.046	mg/Kg	1	10/28/2021 8:00:06 AM	63551
Xylenes, Total	ND	0.092	mg/Kg	1	10/28/2021 8:00:06 AM	63551
Surr: 1,2-Dichloroethane-d4	102	70-130	%Rec	1	10/28/2021 8:00:06 AM	63551
Surr: 4-Bromofluorobenzene	89.5	70-130	%Rec	1	10/28/2021 8:00:06 AM	63551
Surr: Dibromofluoromethane	103	70-130	%Rec	1	10/28/2021 8:00:06 AM	63551
Surr: Toluene-d8	104	70-130	%Rec	1	10/28/2021 8:00:06 AM	63551

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP15-16

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 3:00:00 PM

 Lab ID:
 2110A69-016
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	440	60		mg/Kg	20	10/27/2021 7:40:26 PM	63622
EPA METHOD 8015D MOD: GASOLINE RANGE	į					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/28/2021 8:27:11 AM	63551
Surr: BFB	89.5	70-130		%Rec	1	10/28/2021 8:27:11 AM	63551
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/27/2021 9:55:51 PM	63557
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/27/2021 9:55:51 PM	63557
Surr: DNOP	134	70-130	S	%Rec	1	10/27/2021 9:55:51 PM	63557
EPA METHOD 8260B: VOLATILES SHORT LIST	-					Analyst	: RAA
Benzene	ND	0.023		mg/Kg	1	10/28/2021 8:27:11 AM	63551
Toluene	ND	0.047		mg/Kg	1	10/28/2021 8:27:11 AM	63551
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2021 8:27:11 AM	63551
Xylenes, Total	ND	0.093		mg/Kg	1	10/28/2021 8:27:11 AM	63551
Surr: 1,2-Dichloroethane-d4	98.1	70-130		%Rec	1	10/28/2021 8:27:11 AM	63551
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	10/28/2021 8:27:11 AM	63551
Surr: Dibromofluoromethane	105	70-130		%Rec	1	10/28/2021 8:27:11 AM	63551
Surr: Toluene-d8	103	70-130		%Rec	1	10/28/2021 8:27:11 AM	63551

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP16-S

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 3:45:00 PM

 Lab ID:
 2110A69-017
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/27/2021 7:52:50 PM	63622
EPA METHOD 8015D MOD: GASOLINE RANGE	į				Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 8:54:19 AM	63551
Surr: BFB	90.9	70-130	%Rec	1	10/28/2021 8:54:19 AM	63551
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/27/2021 10:06:34 PM	63557
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/27/2021 10:06:34 PM	63557
Surr: DNOP	119	70-130	%Rec	1	10/27/2021 10:06:34 PM	63557
EPA METHOD 8260B: VOLATILES SHORT LIST	-				Analyst:	RAA
Benzene	ND	0.024	mg/Kg	1	10/28/2021 8:54:19 AM	63551
Toluene	ND	0.048	mg/Kg	1	10/28/2021 8:54:19 AM	63551
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 8:54:19 AM	63551
Xylenes, Total	ND	0.096	mg/Kg	1	10/28/2021 8:54:19 AM	63551
Surr: 1,2-Dichloroethane-d4	93.6	70-130	%Rec	1	10/28/2021 8:54:19 AM	63551
Surr: 4-Bromofluorobenzene	91.0	70-130	%Rec	1	10/28/2021 8:54:19 AM	63551
Surr: Dibromofluoromethane	101	70-130	%Rec	1	10/28/2021 8:54:19 AM	63551
Surr: Toluene-d8	103	70-130	%Rec	1	10/28/2021 8:54:19 AM	63551

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

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Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP16-2

 Project:
 Gissler AV Battery
 Collection Date: 10/20/2021 3:55:00 PM

 Lab ID:
 2110A69-018
 Matrix: SOIL
 Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	59	mg/Kg	20	10/27/2021 8:05:15 PM	63622
EPA METHOD 8015D MOD: GASOLINE RANGE	E				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 9:21:27 AM	63551
Surr: BFB	88.5	70-130	%Rec	1	10/28/2021 9:21:27 AM	63551
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/27/2021 10:17:18 PM	1 63557
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/27/2021 10:17:18 PM	1 63557
Surr: DNOP	102	70-130	%Rec	1	10/27/2021 10:17:18 PM	1 63557
EPA METHOD 8260B: VOLATILES SHORT LIST	Т				Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	10/28/2021 9:21:27 AM	63551
Toluene	ND	0.048	mg/Kg	1	10/28/2021 9:21:27 AM	63551
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 9:21:27 AM	63551
Xylenes, Total	ND	0.096	mg/Kg	1	10/28/2021 9:21:27 AM	63551
Surr: 1,2-Dichloroethane-d4	97.1	70-130	%Rec	1	10/28/2021 9:21:27 AM	63551
Surr: 4-Bromofluorobenzene	92.4	70-130	%Rec	1	10/28/2021 9:21:27 AM	63551
Surr: Dibromofluoromethane	97.7	70-130	%Rec	1	10/28/2021 9:21:27 AM	63551
Surr: Toluene-d8	103	70-130	%Rec	1	10/28/2021 9:21:27 AM	63551

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

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Project:

Hall Environmental Analysis Laboratory, Inc.

Gissler AV Battery

WO#: 2110A69 29-Oct-21

Client: GHD Midland

Sample ID: MB-63619 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: 63619 RunNo: 82410

Prep Date: 10/27/2021 Analysis Date: 10/27/2021 SeqNo: 2923625 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-63619 TestCode: EPA Method 300.0: Anions SampType: Ics

Client ID: LCSS Batch ID: 63619 RunNo: 82410

Prep Date: Analysis Date: 10/27/2021 SeqNo: 2923626 10/27/2021 Units: mg/Kg

%REC **RPDLimit** SPK value SPK Ref Val %RPD Qual Analyte Result POI I owl imit HighLimit Chloride 14 1.5 15.00 0 91.1 90

Sample ID: MB-63622 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PRS Batch ID: 63622 RunNo: 82406

Prep Date: 10/27/2021 Analysis Date: 10/27/2021 SeqNo: 2923974 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-63622 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63622 RunNo: 82406

Prep Date: 10/27/2021 Analysis Date: 10/27/2021 SeqNo: 2923975 Units: mg/Kg

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

Chloride 15.00 95.8

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

Reporting Limit RL

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A69 29-Oct-21**

Client:	GHD Midland
Project:	Gissler AV Battery

Project: Gissler A	V Battery								
Sample ID: LCS-63522	SampType: LC	s	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 63	522	F	RunNo: 82	2295				
Prep Date: 10/25/2021	Analysis Date: 10	0/25/2021	5	SeqNo: 29	19926	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	87.5	68.9	135			
Surr: DNOP	3.9	5.000		77.9	70	130			
Sample ID: MB-63522	SampType: MI	BLK	Tes	tCode: EP	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 63	522	F	RunNo: 82	2295				
Prep Date: 10/25/2021	Analysis Date: 10	0/25/2021	5	SeqNo: 29	919936	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) Surr: DNOP	ND 50 7.8	10.00		77.5	70	130			
Sample ID: LCS-63557	SampType: LC					8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 63			RunNo: 82		11.7			
Prep Date: 10/26/2021	Analysis Date: 10	0/27/2021		SeqNo: 29	922031	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	Range Organics (DRO) 53 10 50	50.00 5.000	0	106 86.5	68.9 70	135 130			
	-								
Sample ID: MB-63557	SampType: MI					8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 63			RunNo: 82		11.7			
Prep Date: 10/26/2021	Analysis Date: 10			SeqNo: 29	922032	Units: mg/K	_		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	ND 10 ND 50								
Surr: DNOP	11	10.00		113	70	130			
Sample ID: 2110A69-013AMS	SampType: MS	 3	Tes	tCode: EP	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: TP15-6	Batch ID: 63			RunNo: 82				3	
Prep Date: 10/26/2021	Analysis Date: 10	0/27/2021		SeqNo: 29		Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56 9.9	49.26	0	113	39.3	155			
Surr: DNOP	5.7	4.926		117	70	130			

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A69**

29-Oct-21

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 2110A69-013AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: TP15-6 Batch ID: 63557 RunNo: 82349 Prep Date: 10/26/2021 Analysis Date: 10/27/2021 SeqNo: 2923747 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 9.6 0 39.3 9.17 23.4 61 48.03 127 155 Surr: DNOP 6.9 4.803 143 130 S

Sample ID: MB-63573 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: **PBS** Batch ID: 63573 RunNo: 82349 Analysis Date: 10/28/2021 Prep Date: 10/26/2021 SeqNo: 2923815 Units: %Rec Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 70 Surr: DNOP 13 10.00 126 130

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A69 29-Oct-21**

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: mb-63500 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63500 RunNo: 82332

Prep Date: 10/22/2021 Analysis Date: 10/25/2021 SeqNo: 2919430 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 104 70 130

Sample ID: Ics-63500 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63500 RunNo: 82332

Prep Date: 10/22/2021 Analysis Date: 10/25/2021 SeqNo: 2919431 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 78.6 Gasoline Range Organics (GRO) 27 5.0 25.00 0 109 131 Surr: BFB 1100 1000 112 70 130

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A69 29-Oct-21**

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: mb-63500 Client ID: PBS		ype: MB			tCode: EF RunNo: 8 2		8021B: Volati	les		
Prep Date: 10/22/2021	Analysis D	Date: 10	/25/2021	5	SeqNo: 29	919475	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	0.87		1.000		87.0	70	130			

Sample ID: LCS-63500	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	h ID: 635	500	F	RunNo: 82	2332				
Prep Date: 10/22/2021	Analysis [Date: 10	/25/2021	5	SeqNo: 29	919476	Units: mg/K	g		
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	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.0	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.5	70	130			

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

SampType: LCS4

WO#: **2110A69**

29-Oct-21

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: Ics-63551

Sample ID: mb-63551 Client ID: PBS Prep Date: 10/25/2021	•	Type: MB h ID: 635 Date: 10		F	stCode: EF RunNo: 82 SeqNo: 29	2380	8260B: Volati Units: mg/K		List	
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: 1,2-Dichloroethane-d4	0.47		0.5000		94.7	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.5	70	130			
Surr: Dibromofluoromethane	0.51		0.5000		101	70	130			
Surr: Toluene-d8	0.53		0.5000		107	70	130			

•	•										
Client ID: BatchQC	Batc	h ID: 63	551	F	RunNo: 82	2396					
Prep Date: 10/25/2021	Analysis [Date: 10	/27/2021	5	SeqNo: 29	924153	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.93	0.025	1.000	0	93.0	80	120				
Toluene	0.94	0.050	1.000	0	94.4	80	120				
Ethylbenzene	0.90	0.050	1.000	0	90.1	80	120				
Xylenes, Total	2.7	0.10	3.000	0	89.5	80	120				
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.9	70	130				
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.9	70	130				
Surr: Dibromofluoromethane	0.51		0.5000		102	70	130				
Surr: Toluene-d8	0.53		0.5000		106	70	130				

TestCode: EPA Method 8260B: Volatiles Short List

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2110A69 29-Oct-21

Client: GHD Midland **Project:** Gissler AV Battery

Sample ID: Ics-63551 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 63551 RunNo: 82380

Prep Date: 10/25/2021 Analysis Date: 10/27/2021 SeqNo: 2922442 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25.00 0 70 26 5.0 106 130 Surr: BFB 500 500.0 101 70 130

Sample ID: mb-63551 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: **PBS** Batch ID: 63551 RunNo: 82380

Prep Date: Analysis Date: 10/27/2021 10/25/2021 SeqNo: 2922445 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

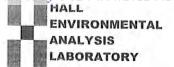
Surr: BFB 480 500.0 96.9 70 130

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
- 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
- Reporting Limit RL

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

Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	GHD Midl	and	Worl	order Nur	mber: 211	0A69			RcptNo: 1	
Received By:	Cheyenn	e Cason	10/22/2	2021 7:15:0	00 AM		Cham	1		
Completed By:	Desiree I	Dominguez		2021 8:52:5			Chris			
Reviewed By:	Jn 10/				70 7 1111			3		
Chain of Cus	stody									
1. Is Chain of C	custody com	plete?			Yes	V	No		Not Present	
2. How was the	sample deli	vered?			Cou	rier				
Log In										
3. Was an atten	mpt made to	cool the samp	les?		Yes	V	No		NA \square	
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 te	est(s)?		Yes	~	No			
7. Are samples ((except VOA	and ONG) pro	perly preserve	ed?	Yes	V	No			
8. Was preserva	ative added to	bottles?			Yes		No	V	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	V	W-F	
11. Does paperwo)		Yes	V	No		# of preserved bottles checked for pH: (<2 or >10	2 unless noted)
12. Are matrices of					Yes	V	No		Adjusted?	umess froted)
13. Is it clear what						V	No			
14. Were all holding (If no, notify co						V	No		Offecked by:	10.22.71
Special Handl	ing (if app	olicable)								
15. Was client no			vith this order?	,	Yes		No		NA 🗸	
Person	Notified:			Date				_		
By Who				Via:	eMa	a) []	Phone	Fax	☐ In Person	
Regardi				via.	Civil	an	Trilone [Tax	III Person	
	nstructions:	i				_		_		
16. Additional rer	marks:									
17. Cooler Inform	mation									
Cooler No		Condition	Seal Intact	Seal No	Seal Da	ate	Signed E	3v		
1	0.3	Good			2.420.4			,		
2	0.4	Good								
3	1.9	Good								

Client:	GHD	5	CHD	NeStandard	d Bush	5.5		I	HALL	ENV	IRO	HALL ENVIRONMENTAL	TAL
				Project Nam	 	0		3	MALISTS LAD		A letter	POCKA!	בלים בי
Mailing	Mailing Address:	16		Gissley	,	All B. Her	4901	4901 Hawkins NE	1 2	Albuque	eridue, N	37109	7 10
324 W.	324 W. Main St.	Suite 10	Suite 108, Artesia NM 88210	Project #:		1	- i	Tel. 505-345-3975		Fax	Fax 505-345-4107	-4107	
Phone #:	4:	(505)377-4218	7-4218		17563391	16			An	Analysis Request	Rednes	4	
email or Fax#:	r Fax#:	Becky.F	Becky. Haskell@ghd.com	Project Manager:	ager:		_			†O	(tr		
QAVQC	QA/QC Package:			Becky Haskell	<u>=</u>		AR			S '*	1950	205	
☐ Standard	dard		☐ Level 4 (Full Validation)	Tom Larson			10			Od	ΙΑ\tr	V	
Accreditation:	tation:	□ Az C(☐ Az Compliance	Sampler:	Zach Comino	0	אם א	(1.		1051		21	
□ NELAC	AC	□ Other	L	On Ice:	X Yes	□ No	0	†O	Ş	N '		7	
☐ EDD (Type)	(Type)			# of Coolers:	Ü		AD)	g po	elete			γ	
				Cooler Temp(including CF).	N	ce Renals	12D	jetpo	eM 8			Si	
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL NO.	08:Ha2	8081 P	PAHs b	85e0 (/	S) 0728 Total C		
10207	13.45	S	TP12.2	Tes		100-				-) -	
	1355		TP12-4			600-							
	1405		TP12-6			500-							
	1245		TP13-2			1000							
	1250		TP13-6			-605							
	1300		TP17-10			900-							
	1310		7513-15			-200-							
	1320		TR3-18			- 008							
	1330		TP13-20			-909							
	1415		2-4197			-010							
	1470		7-HILL			110-							
3	CK 11	A	2-512	4		210-	>					4	
Date:	Time:	Relinquished by:		Received by:	Via:	Date Time	Remark	Remarks: Please email: Chase	e email:	Chase		Settle@eogresources.com;	ses.com;
12	880	Carl.	Coming Pellet.	DULLA	3	00/21/21 800	TeM	om.Larso	on@ghd	.com; Z	ach.Cor	Tom.Larson@ghd.com; Zach.Comino@ghd.com	om
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	Project Name:	1		icd waster	www.hollenviromental.com	C mos leta		Uy
Mailing Address:	Gissley A	U Rather	4901 H	4901 Hawkins NE	Albuquera	3710	9	UUD
324 W. Main St. Suite 108, Artesia NM 88210	Project #:		Tel. 50	Tel. 505-345-3975	Fax 50	Fax 505-345-4107		0/3
Phone #: (505)377-4218	1256338	X		A	Analysis Request	quest		0/20
email or Fax#: Becky.Haskell@ghd.com	Project Manager:		-		†O			44.
QA/QC Package:	Becky Haskell		AM	SV	S '*	Josei S⊘		3.43
☐ Standard ☐ Level 4 (Full Validation)			10	VISC	ОЫ	JAYr ()		
on:	Sampler: Zach Comino		_					I IVI
□ NELAC □ Other	On Ice: X Yes	□ No	0)	10		_		
□ EDD (Type)	# of Coolers: 3		H9)	018				
	Cooler Temp(including CF): See	110 page	QŚI	£8 \	(AO			
	Container Preservative	HEAL No.	1X= 1:80	M) 8 Hs b) 8 AЯ	E' B	al Co		
Date Time Matrix Sample Name	Type and # Type	2110 AG9		Ι∀А	978			
2-2MT & OHI 1950	To	-013	2			ጲ		
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H50 TP15-14		-015						1
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IS45 TPIC-S		٠٥١٦						
1 1855 J TP16.2	4	210	<u>^</u>			1		
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Date: Time: Relinquished by: Colin Colin	Received by: Via: Received by: Via:	Date Time	Remarks: Tom Matthev	Please ema Larson@gh .Laughlin@	il: Chase_Sett d.com; Zach.C ghd.com: Alor listed above	Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell		V-
10 d d d d C C L	Cer Cam 16	Olzela 0715		Direct B	III to EOG C	Direct Bill to EOG Chase Settle		uge
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	ubcontracted to other accredited laboratories	. This serves as notice of this	possibility. Any sub	-contracted data	will be clearly no	tated on the analytical		143



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

November 02, 2021

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

FAX

RE: Gisslev AV Battery

OrderNo.: 2110B21

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 27 sample(s) on 10/23/2021 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

Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP17-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 7:40:00 AM

 Lab ID:
 2110B21-001
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: LRN
Chloride	ND	60	mg/Kg	20	10/28/2021 12:54:52 PM 63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/28/2021 5:03:10 PM 63613
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/28/2021 5:03:10 PM 63613
Surr: DNOP	115	70-130	%Rec	1	10/28/2021 5:03:10 PM 63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 2:31:00 PM 63569
Surr: BFB	96.0	70-130	%Rec	1	10/28/2021 2:31:00 PM 63569
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 2:31:00 PM 63569
Toluene	ND	0.048	mg/Kg	1	10/28/2021 2:31:00 PM 63569
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 2:31:00 PM 63569
Xylenes, Total	ND	0.097	mg/Kg	1	10/28/2021 2:31:00 PM 63569
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/28/2021 2:31:00 PM 63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP17-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 7:45:00 AM

 Lab ID:
 2110B21-002
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	73	60	mg/Kg	20	10/28/2021 1:07:16 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/28/2021 5:14:04 PM	63613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/28/2021 5:14:04 PM	63613
Surr: DNOP	116	70-130	%Rec	1	10/28/2021 5:14:04 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 2:50:00 PM	63569
Surr: BFB	98.5	70-130	%Rec	1	10/28/2021 2:50:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 2:50:00 PM	63569
Toluene	ND	0.048	mg/Kg	1	10/28/2021 2:50:00 PM	63569
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 2:50:00 PM	63569
Xylenes, Total	ND	0.096	mg/Kg	1	10/28/2021 2:50:00 PM	63569
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/28/2021 2:50:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP18-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 8:05:00 AM

 Lab ID:
 2110B21-003
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: LRN
Chloride	ND	3.0	mg/Kg	1	10/28/2021 1:19:40 PM 63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	14	9.4	mg/Kg	1	10/29/2021 11:23:53 AM 63613
Motor Oil Range Organics (MRO)	100	47	mg/Kg	1	10/29/2021 11:23:53 AM 63613
Surr: DNOP	101	70-130	%Rec	1	10/29/2021 11:23:53 AM 63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 3:10:00 PM 63569
Surr: BFB	96.5	70-130	%Rec	1	10/28/2021 3:10:00 PM 63569
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.023	mg/Kg	1	10/28/2021 3:10:00 PM 63569
Toluene	ND	0.047	mg/Kg	1	10/28/2021 3:10:00 PM 63569
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 3:10:00 PM 63569
Xylenes, Total	ND	0.094	mg/Kg	1	10/28/2021 3:10:00 PM 63569
Surr: 4-Bromofluorobenzene	96.3	70-130	%Rec	1	10/28/2021 3:10:00 PM 63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP18-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 8:10:00 AM

 Lab ID:
 2110B21-004
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	ND	60	mg/Kg	20	10/28/2021 1:32:05 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/28/2021 5:35:50 PM	63613
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/28/2021 5:35:50 PM	63613
Surr: DNOP	115	70-130	%Rec	1	10/28/2021 5:35:50 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 3:30:00 PM	63569
Surr: BFB	95.0	70-130	%Rec	1	10/28/2021 3:30:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 3:30:00 PM	63569
Toluene	ND	0.048	mg/Kg	1	10/28/2021 3:30:00 PM	63569
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 3:30:00 PM	63569
Xylenes, Total	ND	0.096	mg/Kg	1	10/28/2021 3:30:00 PM	63569
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	1	10/28/2021 3:30:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP19-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 8:20:00 AM

 Lab ID:
 2110B21-005
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	: LRN
Chloride	560	60	mg/Kg	20	10/28/2021 1:44:29 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/28/2021 5:46:42 PM	63613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/28/2021 5:46:42 PM	63613
Surr: DNOP	90.6	70-130	%Rec	1	10/28/2021 5:46:42 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 3:49:00 PM	63569
Surr: BFB	100	70-130	%Rec	1	10/28/2021 3:49:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst:	: mb
Benzene	ND	0.023	mg/Kg	1	10/28/2021 3:49:00 PM	63569
Toluene	ND	0.047	mg/Kg	1	10/28/2021 3:49:00 PM	63569
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 3:49:00 PM	63569
Xylenes, Total	ND	0.093	mg/Kg	1	10/28/2021 3:49:00 PM	63569
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	10/28/2021 3:49:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP19-4

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 8:25:00 AM

 Lab ID:
 2110B21-006
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	62	60	mg/Kg	20	10/28/2021 2:21:42 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/28/2021 5:57:36 PM	63613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/28/2021 5:57:36 PM	63613
Surr: DNOP	120	70-130	%Rec	1	10/28/2021 5:57:36 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 4:09:00 PM	63569
Surr: BFB	98.2	70-130	%Rec	1	10/28/2021 4:09:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 4:09:00 PM	63569
Toluene	ND	0.048	mg/Kg	1	10/28/2021 4:09:00 PM	63569
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 4:09:00 PM	63569
Xylenes, Total	ND	0.097	mg/Kg	1	10/28/2021 4:09:00 PM	63569
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	10/28/2021 4:09:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP20-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 8:40:00 AM

 Lab ID:
 2110B21-007
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	ND	60	mg/Kg	20	10/28/2021 2:34:06 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/28/2021 6:08:27 PM	63613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/28/2021 6:08:27 PM	63613
Surr: DNOP	103	70-130	%Rec	1	10/28/2021 6:08:27 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 4:28:00 PM	63569
Surr: BFB	97.4	70-130	%Rec	1	10/28/2021 4:28:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	10/28/2021 4:28:00 PM	63569
Toluene	ND	0.047	mg/Kg	1	10/28/2021 4:28:00 PM	63569
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 4:28:00 PM	63569
Xylenes, Total	ND	0.094	mg/Kg	1	10/28/2021 4:28:00 PM	63569
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/28/2021 4:28:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP20-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 8:45:00 AM

 Lab ID:
 2110B21-008
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	120	60	mg/Kg	20	10/28/2021 2:46:30 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/28/2021 6:19:19 PM	63613
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/28/2021 6:19:19 PM	63613
Surr: DNOP	111	70-130	%Rec	1	10/28/2021 6:19:19 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/28/2021 4:48:00 PM	63569
Surr: BFB	101	70-130	%Rec	1	10/28/2021 4:48:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	10/28/2021 4:48:00 PM	63569
Toluene	ND	0.049	mg/Kg	1	10/28/2021 4:48:00 PM	63569
Ethylbenzene	ND	0.049	mg/Kg	1	10/28/2021 4:48:00 PM	63569
Xylenes, Total	ND	0.099	mg/Kg	1	10/28/2021 4:48:00 PM	63569
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	10/28/2021 4:48:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP21-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 8:55:00 AM

 Lab ID:
 2110B21-009
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bate	ch
EPA METHOD 300.0: ANIONS					Analyst: LRN	N
Chloride	ND	60	mg/Kg	20	10/28/2021 2:58:54 PM 6362	26
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB	
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/29/2021 11:45:09 AM 6361	13
Motor Oil Range Organics (MRO)	75	47	mg/Kg	1	10/29/2021 11:45:09 AM 6361	13
Surr: DNOP	111	70-130	%Rec	1	10/29/2021 11:45:09 AM 6361	13
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 5:08:00 PM 6356	69
Surr: BFB	100	70-130	%Rec	1	10/28/2021 5:08:00 PM 6356	69
EPA METHOD 8021B: VOLATILES					Analyst: mb	
Benzene	ND	0.023	mg/Kg	1	10/28/2021 5:08:00 PM 6356	69
Toluene	ND	0.047	mg/Kg	1	10/28/2021 5:08:00 PM 6356	69
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 5:08:00 PM 6356	69
Xylenes, Total	ND	0.093	mg/Kg	1	10/28/2021 5:08:00 PM 6356	69
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	10/28/2021 5:08:00 PM 6356	69

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP21-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 9:00:00 AM

 Lab ID:
 2110B21-010
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	77	60	mg/Kg	20	10/28/2021 3:11:19 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/28/2021 6:41:04 PM	63613
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/28/2021 6:41:04 PM	63613
Surr: DNOP	118	70-130	%Rec	1	10/28/2021 6:41:04 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 5:27:00 PM	63569
Surr: BFB	95.8	70-130	%Rec	1	10/28/2021 5:27:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 5:27:00 PM	63569
Toluene	ND	0.047	mg/Kg	1	10/28/2021 5:27:00 PM	63569
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 5:27:00 PM	63569
Xylenes, Total	ND	0.095	mg/Kg	1	10/28/2021 5:27:00 PM	63569
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	10/28/2021 5:27:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP22-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 9:10:00 AM

 Lab ID:
 2110B21-011
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	860	60	mg/Kg	20	10/28/2021 3:23:43 PM	63626
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/28/2021 6:51:57 PM	63613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/28/2021 6:51:57 PM	63613
Surr: DNOP	118	70-130	%Rec	1	10/28/2021 6:51:57 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/28/2021 6:26:00 PM	63569
Surr: BFB	97.8	70-130	%Rec	1	10/28/2021 6:26:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 6:26:00 PM	63569
Toluene	ND	0.049	mg/Kg	1	10/28/2021 6:26:00 PM	63569
Ethylbenzene	ND	0.049	mg/Kg	1	10/28/2021 6:26:00 PM	63569
Xylenes, Total	ND	0.097	mg/Kg	1	10/28/2021 6:26:00 PM	63569
Surr: 4-Bromofluorobenzene	99.3	70-130	%Rec	1	10/28/2021 6:26:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP22-4

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 9:20:00 AM

 Lab ID:
 2110B21-012
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	430	60	mg/Kg	20	10/29/2021 12:55:56 AM	/I 63641
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/28/2021 7:02:49 PM	63613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/28/2021 7:02:49 PM	63613
Surr: DNOP	108	70-130	%Rec	1	10/28/2021 7:02:49 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 6:45:00 PM	63569
Surr: BFB	99.2	70-130	%Rec	1	10/28/2021 6:45:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 6:45:00 PM	63569
Toluene	ND	0.048	mg/Kg	1	10/28/2021 6:45:00 PM	63569
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 6:45:00 PM	63569
Xylenes, Total	ND	0.095	mg/Kg	1	10/28/2021 6:45:00 PM	63569
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	10/28/2021 6:45:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP22-6

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 9:30:00 AM

 Lab ID:
 2110B21-013
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	210	59	mg/Kg	20	10/29/2021 1:08:21 AM	63641
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/28/2021 7:13:43 PM	63613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/28/2021 7:13:43 PM	63613
Surr: DNOP	109	70-130	%Rec	1	10/28/2021 7:13:43 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 7:05:00 PM	63569
Surr: BFB	101	70-130	%Rec	1	10/28/2021 7:05:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 7:05:00 PM	63569
Toluene	ND	0.048	mg/Kg	1	10/28/2021 7:05:00 PM	63569
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 7:05:00 PM	63569
Xylenes, Total	ND	0.095	mg/Kg	1	10/28/2021 7:05:00 PM	63569
Surr: 4-Bromofluorobenzene	98.8	70-130	%Rec	1	10/28/2021 7:05:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP23-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 9:45:00 AM

 Lab ID:
 2110B21-014
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	10/29/2021 1:20:46 AM	63641
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/28/2021 7:24:43 PM	63613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/28/2021 7:24:43 PM	63613
Surr: DNOP	119	70-130	%Rec	1	10/28/2021 7:24:43 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/28/2021 7:24:00 PM	63569
Surr: BFB	98.0	70-130	%Rec	1	10/28/2021 7:24:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.025	mg/Kg	1	10/28/2021 7:24:00 PM	63569
Toluene	ND	0.050	mg/Kg	1	10/28/2021 7:24:00 PM	63569
Ethylbenzene	ND	0.050	mg/Kg	1	10/28/2021 7:24:00 PM	63569
Xylenes, Total	ND	0.10	mg/Kg	1	10/28/2021 7:24:00 PM	63569
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	10/28/2021 7:24:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP23-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 9:50:00 AM

 Lab ID:
 2110B21-015
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	10/29/2021 1:33:11 AM	63641
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/28/2021 7:35:40 PM	63613
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/28/2021 7:35:40 PM	63613
Surr: DNOP	126	70-130	%Rec	1	10/28/2021 7:35:40 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/28/2021 7:44:00 PM	63569
Surr: BFB	99.5	70-130	%Rec	1	10/28/2021 7:44:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/28/2021 7:44:00 PM	63569
Toluene	ND	0.048	mg/Kg	1	10/28/2021 7:44:00 PM	63569
Ethylbenzene	ND	0.048	mg/Kg	1	10/28/2021 7:44:00 PM	63569
Xylenes, Total	ND	0.095	mg/Kg	1	10/28/2021 7:44:00 PM	63569
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/28/2021 7:44:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP24-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 10:05:00 AM

 Lab ID:
 2110B21-016
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/29/2021 10:27:26 AM	1 63648
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/28/2021 7:46:37 PM	63613
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/28/2021 7:46:37 PM	63613
Surr: DNOP	76.0	70-130	%Rec	1	10/28/2021 7:46:37 PM	63613
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 8:04:00 PM	63569
Surr: BFB	96.1	70-130	%Rec	1	10/28/2021 8:04:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.023	mg/Kg	1	10/28/2021 8:04:00 PM	63569
Toluene	ND	0.047	mg/Kg	1	10/28/2021 8:04:00 PM	63569
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 8:04:00 PM	63569
Xylenes, Total	ND	0.093	mg/Kg	1	10/28/2021 8:04:00 PM	63569
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/28/2021 8:04:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP24-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 10:10:00 AM

 Lab ID:
 2110B21-017
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	260	60		mg/Kg	20	10/29/2021 10:39:51 AM	M 63648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/29/2021 2:59:50 PM	63614
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/29/2021 2:59:50 PM	63614
Surr: DNOP	140	70-130	S	%Rec	1	10/29/2021 2:59:50 PM	63614
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/28/2021 8:23:00 PM	63569
Surr: BFB	94.8	70-130		%Rec	1	10/28/2021 8:23:00 PM	63569
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	ND	0.023		mg/Kg	1	10/28/2021 8:23:00 PM	63569
Toluene	ND	0.047		mg/Kg	1	10/28/2021 8:23:00 PM	63569
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2021 8:23:00 PM	63569
Xylenes, Total	ND	0.093		mg/Kg	1	10/28/2021 8:23:00 PM	63569
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	10/28/2021 8:23:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP25-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 10:40:00 AM

 Lab ID:
 2110B21-018
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/29/2021 10:52:15 AM	M 63648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	10/29/2021 3:10:41 PM	63614
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/29/2021 3:10:41 PM	63614
Surr: DNOP	98.1	70-130	%Rec	1	10/29/2021 3:10:41 PM	63614
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/28/2021 8:43:00 PM	63569
Surr: BFB	102	70-130	%Rec	1	10/28/2021 8:43:00 PM	63569
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	10/28/2021 8:43:00 PM	63569
Toluene	ND	0.047	mg/Kg	1	10/28/2021 8:43:00 PM	63569
Ethylbenzene	ND	0.047	mg/Kg	1	10/28/2021 8:43:00 PM	63569
Xylenes, Total	ND	0.094	mg/Kg	1	10/28/2021 8:43:00 PM	63569
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	10/28/2021 8:43:00 PM	63569

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP25-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 10:45:00 AM

 Lab ID:
 2110B21-019
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bate	tch
EPA METHOD 300.0: ANIONS					Analyst: CAS	S
Chloride	140	61	mg/Kg	20	10/29/2021 11:04:40 AM 6364	48
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB	
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/29/2021 3:21:32 PM 636 ²	14
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/29/2021 3:21:32 PM 636 ²	14
Surr: DNOP	111	70-130	%Rec	1	10/29/2021 3:21:32 PM 636	14
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb)
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/29/2021 2:16:00 AM 6357	577
Surr: BFB	97.5	70-130	%Rec	1	10/29/2021 2:16:00 AM 6357	77
EPA METHOD 8021B: VOLATILES					Analyst: mb)
Benzene	ND	0.024	mg/Kg	1	10/29/2021 2:16:00 AM 6357	577
Toluene	ND	0.049	mg/Kg	1	10/29/2021 2:16:00 AM 6357	577
Ethylbenzene	ND	0.049	mg/Kg	1	10/29/2021 2:16:00 AM 6357	577
Xylenes, Total	ND	0.098	mg/Kg	1	10/29/2021 2:16:00 AM 6357	577
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	10/29/2021 2:16:00 AM 6357	577

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP26-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 12:45:00 PM

 Lab ID:
 2110B21-020
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: CAS	S
Chloride	ND	60	mg/Kg	20	10/29/2021 11:17:05 AM 6364	48
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB	
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/29/2021 3:32:22 PM 6361	14
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/29/2021 3:32:22 PM 6361	14
Surr: DNOP	116	70-130	%Rec	1	10/29/2021 3:32:22 PM 6361	14
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/29/2021 2:35:00 AM 6357	77
Surr: BFB	95.3	70-130	%Rec	1	10/29/2021 2:35:00 AM 6357	77
EPA METHOD 8021B: VOLATILES					Analyst: mb	
Benzene	ND	0.023	mg/Kg	1	10/29/2021 2:35:00 AM 6357	77
Toluene	ND	0.047	mg/Kg	1	10/29/2021 2:35:00 AM 6357	77
Ethylbenzene	ND	0.047	mg/Kg	1	10/29/2021 2:35:00 AM 6357	77
Xylenes, Total	ND	0.093	mg/Kg	1	10/29/2021 2:35:00 AM 6357	77
Surr: 4-Bromofluorobenzene	99.7	70-130	%Rec	1	10/29/2021 2:35:00 AM 6357	77

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP26-2

Project: Gisslev AV Battery
 Collection Date: 10/21/2021 12:50:00 PM

 Lab ID: 2110B21-021
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	ND	60		mg/Kg	20	10/29/2021 11:54:18 AN	A 63648
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/29/2021 3:43:12 PM	63614
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/29/2021 3:43:12 PM	63614
Surr: DNOP	136	70-130	S	%Rec	1	10/29/2021 3:43:12 PM	63614
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/29/2021 2:55:00 AM	63577
Surr: BFB	95.7	70-130		%Rec	1	10/29/2021 2:55:00 AM	63577
EPA METHOD 8021B: VOLATILES						Analyst:	mb
Benzene	ND	0.024		mg/Kg	1	10/29/2021 2:55:00 AM	63577
Toluene	ND	0.049		mg/Kg	1	10/29/2021 2:55:00 AM	63577
Ethylbenzene	ND	0.049		mg/Kg	1	10/29/2021 2:55:00 AM	63577
Xylenes, Total	ND	0.097		mg/Kg	1	10/29/2021 2:55:00 AM	63577
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	10/29/2021 2:55:00 AM	63577

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP27-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 1:05:00 PM

 Lab ID:
 2110B21-022
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	150	60	mg/Kg	20	10/29/2021 12:06:43 PM	1 63648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/29/2021 3:54:03 PM	63614
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/29/2021 3:54:03 PM	63614
Surr: DNOP	119	70-130	%Rec	1	10/29/2021 3:54:03 PM	63614
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/29/2021 3:14:00 AM	63577
Surr: BFB	90.8	70-130	%Rec	1	10/29/2021 3:14:00 AM	63577
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/29/2021 3:14:00 AM	63577
Toluene	ND	0.049	mg/Kg	1	10/29/2021 3:14:00 AM	63577
Ethylbenzene	ND	0.049	mg/Kg	1	10/29/2021 3:14:00 AM	63577
Xylenes, Total	ND	0.098	mg/Kg	1	10/29/2021 3:14:00 AM	63577
Surr: 4-Bromofluorobenzene	95.1	70-130	%Rec	1	10/29/2021 3:14:00 AM	63577

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP27-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 1:10:00 PM

 Lab ID:
 2110B21-023
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: CA	AS
Chloride	ND	60	mg/Kg	20	10/29/2021 12:19:07 PM 63	3648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SE	В
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/29/2021 4:04:55 PM 63	3614
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/29/2021 4:04:55 PM 63	3614
Surr: DNOP	91.6	70-130	%Rec	1	10/29/2021 4:04:55 PM 63	3614
EPA METHOD 8015D: GASOLINE RANGE					Analyst: ml	b
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/29/2021 3:33:00 AM 63	3577
Surr: BFB	94.2	70-130	%Rec	1	10/29/2021 3:33:00 AM 63	3577
EPA METHOD 8021B: VOLATILES					Analyst: ml	b
Benzene	ND	0.024	mg/Kg	1	10/29/2021 3:33:00 AM 63	3577
Toluene	ND	0.047	mg/Kg	1	10/29/2021 3:33:00 AM 63	3577
Ethylbenzene	ND	0.047	mg/Kg	1	10/29/2021 3:33:00 AM 63	3577
Xylenes, Total	ND	0.094	mg/Kg	1	10/29/2021 3:33:00 AM 63	3577
Surr: 4-Bromofluorobenzene	97.6	70-130	%Rec	1	10/29/2021 3:33:00 AM 63	3577

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP28-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 1:25:00 PM

 Lab ID:
 2110B21-024
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/29/2021 12:31:32 PM	63648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/29/2021 4:15:47 PM	63614
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/29/2021 4:15:47 PM	63614
Surr: DNOP	99.6	70-130	%Rec	1	10/29/2021 4:15:47 PM	63614
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/29/2021 8:10:00 AM	63577
Surr: BFB	101	70-130	%Rec	1	10/29/2021 8:10:00 AM	63577
EPA METHOD 8021B: VOLATILES					Analyst:	ССМ
Benzene	ND	0.024	mg/Kg	1	10/29/2021 8:10:00 AM	63577
Toluene	ND	0.049	mg/Kg	1	10/29/2021 8:10:00 AM	63577
Ethylbenzene	ND	0.049	mg/Kg	1	10/29/2021 8:10:00 AM	63577
Xylenes, Total	ND	0.097	mg/Kg	1	10/29/2021 8:10:00 AM	63577
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	10/29/2021 8:10:00 AM	63577

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP28-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 1:30:00 PM

 Lab ID:
 2110B21-025
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	61	mg/Kg	20	10/29/2021 12:43:56 PM 63648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/29/2021 4:26:42 PM 63614
Motor Oil Range Organics (MRO)	ND	51	mg/Kg	1	10/29/2021 4:26:42 PM 63614
Surr: DNOP	102	70-130	%Rec	1	10/29/2021 4:26:42 PM 63614
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/29/2021 8:30:00 AM 63577
Surr: BFB	103	70-130	%Rec	1	10/29/2021 8:30:00 AM 63577
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.025	mg/Kg	1	10/29/2021 8:30:00 AM 63577
Toluene	ND	0.049	mg/Kg	1	10/29/2021 8:30:00 AM 63577
Ethylbenzene	ND	0.049	mg/Kg	1	10/29/2021 8:30:00 AM 63577
Xylenes, Total	ND	0.098	mg/Kg	1	10/29/2021 8:30:00 AM 63577
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	10/29/2021 8:30:00 AM 63577

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP29-S

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 1:45:00 PM

 Lab ID:
 2110B21-026
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: CAS	s
Chloride	ND	60	mg/Kg	20	10/29/2021 12:56:20 PM 6364	48
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/29/2021 4:37:37 PM 6361	14
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/29/2021 4:37:37 PM 6361	14
Surr: DNOP	106	70-130	%Rec	1	10/29/2021 4:37:37 PM 6361	14
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	М
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/29/2021 8:49:00 AM 6357	77
Surr: BFB	102	70-130	%Rec	1	10/29/2021 8:49:00 AM 6357	77
EPA METHOD 8021B: VOLATILES					Analyst: CCN	M
Benzene	ND	0.024	mg/Kg	1	10/29/2021 8:49:00 AM 6357	77
Toluene	ND	0.048	mg/Kg	1	10/29/2021 8:49:00 AM 6357	77
Ethylbenzene	ND	0.048	mg/Kg	1	10/29/2021 8:49:00 AM 6357	77
Xylenes, Total	ND	0.097	mg/Kg	1	10/29/2021 8:49:00 AM 6357	77
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	10/29/2021 8:49:00 AM 6357	77

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

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Date Reported: 11/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: TP29-2

 Project:
 Gisslev AV Battery
 Collection Date: 10/21/2021 1:50:00 PM

 Lab ID:
 2110B21-027
 Matrix: SOIL
 Received Date: 10/23/2021 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/29/2021 1:08:45 PM	63648
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/29/2021 4:48:34 PM	63614
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/29/2021 4:48:34 PM	63614
Surr: DNOP	117	70-130	%Rec	1	10/29/2021 4:48:34 PM	63614
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/29/2021 9:09:00 AM	63577
Surr: BFB	105	70-130	%Rec	1	10/29/2021 9:09:00 AM	63577
EPA METHOD 8021B: VOLATILES					Analyst:	CCM
Benzene	ND	0.023	mg/Kg	1	10/29/2021 9:09:00 AM	63577
Toluene	ND	0.047	mg/Kg	1	10/29/2021 9:09:00 AM	63577
Ethylbenzene	ND	0.047	mg/Kg	1	10/29/2021 9:09:00 AM	63577
Xylenes, Total	ND	0.094	mg/Kg	1	10/29/2021 9:09:00 AM	63577
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	10/29/2021 9:09:00 AM	63577

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

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110B21** *02-Nov-21*

Client: GHD Midland
Project: Gisslev AV Battery

Sample ID: MB-63641 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63641 RunNo: 82423

Prep Date: 10/28/2021 Analysis Date: 10/28/2021 SeqNo: 2925088 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-63641 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63641 RunNo: 82423

Prep Date: 10/28/2021 Analysis Date: 10/28/2021 SeqNo: 2925089 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 90.8 90 110

Sample ID: MB-63626 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63626 RunNo: 82438

Prep Date: 10/28/2021 Analysis Date: 10/28/2021 SeqNo: 2925244 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-63626 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63626 RunNo: 82438

Prep Date: 10/28/2021 Analysis Date: 10/28/2021 SeqNo: 2925245 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 91.2 90 110

Sample ID: MB-63648 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63648 RunNo: 82473

Prep Date: 10/29/2021 Analysis Date: 10/29/2021 SeqNo: 2926254 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-63648 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63648 RunNo: 82473

Prep Date: 10/29/2021 Analysis Date: 10/29/2021 SeqNo: 2926255 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 90.5 90 110

Qualifiers:

* Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110B21**

02-Nov-21

Client: GHD Midland
Project: Gisslev AV Battery

Sample ID: LCS-63613	SampT	ype: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: 63	613	RunNo: 82434						
Prep Date: 10/27/2021	Analysis D	ate: 10)/28/2021	9	SeqNo: 2	924945	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	101	68.9	135			
Surr: DNOP	5.4		5.000		108	70	130			
Sample ID: MB-63613 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics									e Organics	
Client ID: PBS	Batch	ID: 63	613	F	RunNo: 8	2434				
Prep Date: 10/27/2021	Analysis D	ate: 10)/28/2021	5	SeqNo: 2	924947	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		106	70	130			
Sample ID: 2110B21-017AN	IS SampT	уре: МS	3	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: TP24-2	Batch	ID: 63	614	F	RunNo: 8	2441				
Prep Date: 10/27/2021	Analysis D	ate: 10)/29/2021	5	SeqNo: 2	926577	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	10	49.75	0	116	39.3	155			•
Surr: DNOP	5.8		4.975		118	70	130			
Sample ID: 2110B21-017AN	ISD SampT	уре: МS	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: TP24-2	Batch	ID: 63	614	F	RunNo: 8	2441				

Client ID: TP24-2	Batch	1D: 63	614	F	RunNo: 82441					
Prep Date: 10/27/2021	Analysis Date: 10/29/2021			8	SeqNo: 2	926578	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	9.6	47.98	0	121	39.3	155	0.944	23.4	
Surr: DNOP	5.7		4.798		118	70	130	0	0	

Sample ID. LC3-03014	Sampi	ype. LC	resicode. EFA Method 6013M/D. Dieser Kange Organics											
Client ID: LCSS	lient ID: LCSS Batch ID: 63614						RunNo: 82441							
Prep Date: 10/27/2021	Analysis D	ate: 10	0/29/2021	9	SeqNo: 2926599			Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	135							
Surr: DNOP	5.7		5.000		114	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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110B21** *02-Nov-21*

Client: GHD Midland
Project: Gisslev AV Battery

Sample ID: MB-63614 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 63614 RunNo: 82441

Prep Date: 10/27/2021 Analysis Date: 10/29/2021 SeqNo: 2926600 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 10.00 106 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

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110B21 02-Nov-21**

Client: GHD Midland
Project: Gisslev AV Battery

Sample ID: mb-63569 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63569 RunNo: 82404

Prep Date: 10/26/2021 Analysis Date: 10/28/2021 SeqNo: 2924666 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 950 1000 95.3 70 130

Sample ID: mb-63577 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63577 RunNo: 82404

Prep Date: 10/26/2021 Analysis Date: 10/28/2021 SeqNo: 2924667 Units: mg/Kg

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

70

130

 Gasoline Range Organics (GRO)
 ND
 5.0

 Surr: BFB
 980
 1000
 97.7

Sample ID: Ics-63577 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63577 RunNo: 82404

Prep Date: 10/26/2021 Analysis Date: 10/28/2021 SeqNo: 2924668 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 26 5.0 25.00 0 106 78.6 131 Surr: BFB 1100 1000 111 70 130

Sample ID: Ics-63603 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63603 RunNo: 82466

Prep Date: 10/27/2021 Analysis Date: 10/29/2021 SeqNo: 2926053 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1100 1000 108 70 130

Sample ID: mb-63603 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63603 RunNo: 82466

Prep Date: 10/27/2021 Analysis Date: 10/29/2021 SeqNo: 2926054 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB 950 1000 95.0 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

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110B21**

02-Nov-21

Client: GHD Midland
Project: Gisslev AV Battery

Sample ID: mb-63569 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 63569 RunNo: 82404 Prep Date: 10/26/2021 Analysis Date: 10/28/2021 SeqNo: 2924705 Units: mq/Kq PQL SPK value SPK Ref Val %REC LowLimit **RPDLimit** Analyte Result HighLimit %RPD Qual Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 1.0 1.000 104 70 130 Sample ID: mb-63577 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 63577 RunNo: 82404 Analysis Date: 10/28/2021 Prep Date: 10/26/2021 SeqNo: 2924706 Units: mg/Kg PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** LowLimit Qual ND 0.025 Benzene Toluene ND 0.050 0.050 Ethylbenzene ND ND Xylenes, Total 0.10 Surr: 4-Bromofluorobenzene 0.99 1.000 99.0 70 130

Sample ID: Ics-63577	SampT	ype: LC	S	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch	n ID: 63	577	F	RunNo: 8	2404				
Prep Date: 10/26/2021	Analysis D	oate: 10	/28/2021	SeqNo: 2924708			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.7	80	120			
Toluene	0.98	0.050	1.000	0	97.7	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.1	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	70	130			

Sample ID: Ics-63603 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 63603 RunNo: 82466 Prep Date: 10/27/2021 Analysis Date: 10/29/2021 SeqNo: 2926074 Units: %Rec SPK value SPK Ref Val %REC **RPDLimit** Analyte Result PQL LowLimit HighLimit %RPD Qual Surr: 4-Bromofluorobenzene 1.0 1.000 130

Sample ID: mb-63603 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: Batch ID: 63603 RunNo: 82466 Prep Date: 10/27/2021 Analysis Date: 10/29/2021 SeqNo: 2926075 Units: %Rec PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual

Qualifiers:

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

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

Page 32 of 33

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

1.0

WO#: **2110B21** *02-Nov-21*

Client: GHD Midland
Project: Gisslev AV Battery

Surr: 4-Bromofluorobenzene

Sample ID: mb-63603 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

1.000

Client ID: PBS Batch ID: 63603 RunNo: 82466

Prep Date: 10/27/2021 Analysis Date: 10/29/2021 SeqNo: 2926075 Units: %Rec

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

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 33 of 33



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 Mid	and	Wor	k Order Nur	mber: 211	0B21			RcptNo: 1		
Received By:	Sean Liv	ringston	10/23/	2021 9:15:0	00 AM		<	/	in who		
Completed By:	Sean Liv	ringston		2021 10:17			<i></i>	not			
Reviewed By:		10123/2		20.00		٠,	-6	Not-			
Chain of Cus	tody										
1. Is Chain of C		plete?			Yes	~	No		Not Present		
	was the sample delivered?					rier			Not i lesent 🗀		
Log In											
3. Was an attern	pt made to	cool the samp	oles?		Yes	V	No		NA 🗆		
4. Were all samp	1. Were all samples received at a temperature of >0° C to 6.0°C							V	NA 🗆		
5. Sample(s) in	5. Sample(s) in proper container(s)?						not frozen. No				
6. Sufficient sam	ple volume	for indicated to	est(s)?		Yes	V	No	П			
	. Are samples (except VOA and ONG) properly preserved?										
	3. Was preservative added to bottles?						No No	V	NA 🗌		
9. Received at le	ast 1 vial wi	th headsnace	<1/4" for AO \	/OA2	Yes		No	П	NA F		
	O. Were any sample containers received broken? O. Were any sample containers received broken?				100	Н			NA 🗹		
To: Trois any ban	ipic contain	cis ieceived L	TOKETT?		Yes		No	V	# of preserved		
11. Does paperwo (Note discrepa)		Yes	V	No		bottles checked for pH:		
12. Are matrices c					Yes	V	No		Adjusted?		
13. Is it clear what						V					
14. Were all holdin (If no, notify cu	g times abl	e to be met?				V	No		Checked by: Sec (0/27/2)		
Special Handli											
15. Was client not		the same of the same	vith this order	?	Yes		No		NA 🗹		
Person I	Notified:			Date	8			-			
By Who	m:			Via:	☐ eMa	ail [Phone	Fax	In Person		
Regardin	ng:						1 3 1 3 1 5 1				
Client In	structions:							_			
16. Additional ren	narks:										
17. Cooler Inform	nation										
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	nto	Cinned 5	2			
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2	-1.4	Good									
3	4.9	Good									

Client: GHD		<				
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Mailing Address:	A sister A	AURTH.	4901 Hav	www.nameil	ns NE - Albuquerque NM 87109	409
324 W. Main St. Suite 108, Artesia NM 88210			Tel. 505	10	Fax 505-345-4107	200
Phone #: (505)377-4218	125/233	5		Ana	The same of	
email or Fax#: Becky. Haskell@ghd.com	Project Manager:		-			
QA/QC Package:	Becky Haskell		AM		uəsc	
☐ Standard ☐ Level 4 (Full Validation)	Tom Larson		10			
Accreditation: Az Compliance	Sampler: Zach Comino	ino	D82	3270		
□ NELAC □ Other		□ No)8/s	3 10	(A	
□ EDD (Type)	# of Coolers: 3		GE ide	10 tals	OΛ	
	Cooler Temp(including CF);	Sed coments	15D(83 V	(AO -ime	
Date Time Matrix Sample Name	Container Preservative Type and # Type	2	X=TEX / X=TEX	EDB (M PAHs by RCRA 8	3250 (V) 3270 (S) Total Co	
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CBOS TAB-S		500				
ago TP18-2		100				
2-6177 02:30		200				
P-PPT 280		80				
S-027T 0890		400				
2.0247 780.2		800				
0855 TP21-S		POU				
Office T721-2		010				
0910 1722.2		011				
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ite: Time:	Received by: Via:	Ē	O.c.to	Laugniin@gn lis	infamriew.Laugniin@gnd.com: Along with Becky Haskell	Becky Haskell
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Mailing Address:	Address	122		\cdot\(\)	-V	A1) 18 Her	46	101 Hay	4901 Hawkins NE -			ental.co	Albuquerque NM 87109		
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Phone #:		(505)377-4218	7-4218		1256533	162				Inal	Analysis Request	equest			
email or Fax#;	Fax#:	Becky. H	Becky. Haskell@ghd.com	Project Manager:	ager;		1			[⊅] C		(11	0	H	1
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

January 19, 2022

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

FAX:

RE: Gissler AV Battery OrderNo.: 2201193

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 15 sample(s) on 1/6/2022 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

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-5

Project: Gissler AV Battery
 Collection Date: 1/4/2022 11:00:00 AM

 Lab ID: 2201193-001
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	1400	60		mg/Kg	20	1/10/2022 2:34:07 PM	64937
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	1100	200		mg/Kg	20	1/11/2022 1:55:38 PM	64901
Motor Oil Range Organics (MRO)	1700	990		mg/Kg	20	1/11/2022 1:55:38 PM	64901
Surr: DNOP	0	70-130	S	%Rec	20	1/11/2022 1:55:38 PM	64901
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	1/7/2022 2:39:00 PM	64900
Surr: BFB	95.1	70-130		%Rec	5	1/7/2022 2:39:00 PM	64900
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	ND	0.12		mg/Kg	5	1/7/2022 2:39:00 PM	64900
Toluene	ND	0.24		mg/Kg	5	1/7/2022 2:39:00 PM	64900
Ethylbenzene	ND	0.24		mg/Kg	5	1/7/2022 2:39:00 PM	64900
Xylenes, Total	ND	0.49		mg/Kg	5	1/7/2022 2:39:00 PM	64900
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	5	1/7/2022 2:39:00 PM	64900

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 22

Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-10

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 11:05:00 AM

 Lab ID:
 2201193-002
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	2100	60	mg/Kg	20	1/10/2022 2:46:27 PM	64937
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	1/11/2022 2:06:17 PM	64901
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/11/2022 2:06:17 PM	64901
Surr: DNOP	83.8	70-130	%Rec	1	1/11/2022 2:06:17 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	1/7/2022 2:58:00 PM	64900
Surr: BFB	89.1	70-130	%Rec	1	1/7/2022 2:58:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	1/7/2022 2:58:00 PM	64900
Toluene	ND	0.050	mg/Kg	1	1/7/2022 2:58:00 PM	64900
Ethylbenzene	ND	0.050	mg/Kg	1	1/7/2022 2:58:00 PM	64900
Xylenes, Total	ND	0.10	mg/Kg	1	1/7/2022 2:58:00 PM	64900
Surr: 4-Bromofluorobenzene	80.4	70-130	%Rec	1	1/7/2022 2:58:00 PM	64900

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 2 of 22

Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-15

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 11:10:00 AM

 Lab ID:
 2201193-003
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	2600	150	mg/Kg	50	1/13/2022 12:48:16 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	1/11/2022 2:16:56 PM	64901
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/11/2022 2:16:56 PM	64901
Surr: DNOP	91.1	70-130	%Rec	1	1/11/2022 2:16:56 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/7/2022 3:18:00 PM	64900
Surr: BFB	87.2	70-130	%Rec	1	1/7/2022 3:18:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	1/7/2022 3:18:00 PM	64900
Toluene	ND	0.049	mg/Kg	1	1/7/2022 3:18:00 PM	64900
Ethylbenzene	ND	0.049	mg/Kg	1	1/7/2022 3:18:00 PM	64900
Xylenes, Total	ND	0.098	mg/Kg	1	1/7/2022 3:18:00 PM	64900
Surr: 4-Bromofluorobenzene	81.4	70-130	%Rec	1	1/7/2022 3:18:00 PM	64900

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 3 of 22

Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-20

Collection Date: 1/4/2022 11:20:00 AM Project: Gissler AV Battery 2201193-004 **Received Date:** 1/6/2022 8:00:00 AM Lab ID: Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1200	60	mg/Kg	20	1/11/2022 1:05:11 PM	64957
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	51	9.7	mg/Kg	1	1/11/2022 2:47:46 PM	64901
Motor Oil Range Organics (MRO)	54	48	mg/Kg	1	1/11/2022 2:47:46 PM	64901
Surr: DNOP	125	70-130	%Rec	1	1/11/2022 2:47:46 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	1/7/2022 3:38:00 PM	64900
Surr: BFB	97.3	70-130	%Rec	5	1/7/2022 3:38:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.12	mg/Kg	5	1/7/2022 3:38:00 PM	64900
Toluene	ND	0.25	mg/Kg	5	1/7/2022 3:38:00 PM	64900
Ethylbenzene	ND	0.25	mg/Kg	5	1/7/2022 3:38:00 PM	64900
Xylenes, Total	ND	0.50	mg/Kg	5	1/7/2022 3:38:00 PM	64900
Surr: 4-Bromofluorobenzene	90.8	70-130	%Rec	5	1/7/2022 3:38:00 PM	64900

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

Qualifiers:

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-25

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 11:25:00 AM

 Lab ID:
 2201193-005
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	4000	150	mg/Kg	50	1/13/2022 1:00:41 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	13	9.7	mg/Kg	1	1/11/2022 2:58:25 PM	64901
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/11/2022 2:58:25 PM	64901
Surr: DNOP	90.1	70-130	%Rec	1	1/11/2022 2:58:25 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/7/2022 3:58:00 PM	64900
Surr: BFB	91.9	70-130	%Rec	1	1/7/2022 3:58:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	1/7/2022 3:58:00 PM	64900
Toluene	ND	0.049	mg/Kg	1	1/7/2022 3:58:00 PM	64900
Ethylbenzene	ND	0.049	mg/Kg	1	1/7/2022 3:58:00 PM	64900
Xylenes, Total	ND	0.098	mg/Kg	1	1/7/2022 3:58:00 PM	64900
Surr: 4-Bromofluorobenzene	83.8	70-130	%Rec	1	1/7/2022 3:58:00 PM	64900

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-30

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 11:40:00 AM

 Lab ID:
 2201193-006
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	2600	150	mg/Kg	50	1/13/2022 1:13:05 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	1/11/2022 3:09:05 PM	64901
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/11/2022 3:09:05 PM	64901
Surr: DNOP	85.3	70-130	%Rec	1	1/11/2022 3:09:05 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/7/2022 4:17:00 PM	64900
Surr: BFB	88.2	70-130	%Rec	1	1/7/2022 4:17:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	1/7/2022 4:17:00 PM	64900
Toluene	ND	0.049	mg/Kg	1	1/7/2022 4:17:00 PM	64900
Ethylbenzene	ND	0.049	mg/Kg	1	1/7/2022 4:17:00 PM	64900
Xylenes, Total	ND	0.099	mg/Kg	1	1/7/2022 4:17:00 PM	64900
Surr: 4-Bromofluorobenzene	82.9	70-130	%Rec	1	1/7/2022 4:17:00 PM	64900

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-35

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 11:45:00 AM

 Lab ID:
 2201193-007
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	5100	150	mg/Kg	50	1/13/2022 1:25:29 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	1/11/2022 3:19:47 PM	64901
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/11/2022 3:19:47 PM	64901
Surr: DNOP	119	70-130	%Rec	1	1/11/2022 3:19:47 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/7/2022 4:37:00 PM	64900
Surr: BFB	89.0	70-130	%Rec	1	1/7/2022 4:37:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	1/7/2022 4:37:00 PM	64900
Toluene	ND	0.048	mg/Kg	1	1/7/2022 4:37:00 PM	64900
Ethylbenzene	ND	0.048	mg/Kg	1	1/7/2022 4:37:00 PM	64900
Xylenes, Total	ND	0.096	mg/Kg	1	1/7/2022 4:37:00 PM	64900
Surr: 4-Bromofluorobenzene	83.5	70-130	%Rec	1	1/7/2022 4:37:00 PM	64900

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-40

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 11:55:00 AM

 Lab ID:
 2201193-008
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	5100	300	mg/Kg	100	1/13/2022 1:37:53 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	1/11/2022 3:30:39 PM	64901
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/11/2022 3:30:39 PM	64901
Surr: DNOP	84.9	70-130	%Rec	1	1/11/2022 3:30:39 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/7/2022 4:57:00 PM	64900
Surr: BFB	88.6	70-130	%Rec	1	1/7/2022 4:57:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	1/7/2022 4:57:00 PM	64900
Toluene	ND	0.048	mg/Kg	1	1/7/2022 4:57:00 PM	64900
Ethylbenzene	ND	0.048	mg/Kg	1	1/7/2022 4:57:00 PM	64900
Xylenes, Total	ND	0.096	mg/Kg	1	1/7/2022 4:57:00 PM	64900
Surr: 4-Bromofluorobenzene	82.0	70-130	%Rec	1	1/7/2022 4:57:00 PM	64900

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-45

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 12:00:00 PM

 Lab ID:
 2201193-009
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	7700	300	mg/Kg	100	1/13/2022 1:50:18 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	1/11/2022 3:41:31 PM	64901
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	1/11/2022 3:41:31 PM	64901
Surr: DNOP	86.5	70-130	%Rec	1	1/11/2022 3:41:31 PM	64901
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/7/2022 5:17:00 PM	64900
Surr: BFB	88.3	70-130	%Rec	1	1/7/2022 5:17:00 PM	64900
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.025	mg/Kg	1	1/7/2022 5:17:00 PM	64900
Toluene	ND	0.049	mg/Kg	1	1/7/2022 5:17:00 PM	64900
Ethylbenzene	ND	0.049	mg/Kg	1	1/7/2022 5:17:00 PM	64900
Xylenes, Total	ND	0.098	mg/Kg	1	1/7/2022 5:17:00 PM	64900
Surr: 4-Bromofluorobenzene	81.5	70-130	%Rec	1	1/7/2022 5:17:00 PM	64900

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-50

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 12:15:00 PM

 Lab ID:
 2201193-010
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	5100	150	mg/Kg	50	1/13/2022 2:02:44 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	46	9.5	mg/Kg	1	1/7/2022 7:15:01 PM	64887
Motor Oil Range Organics (MRO)	110	48	mg/Kg	1	1/7/2022 7:15:01 PM	64887
Surr: DNOP	82.2	70-130	%Rec	1	1/7/2022 7:15:01 PM	64887
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	23	mg/Kg	5	1/7/2022 7:15:00 PM	64897
Surr: BFB	97.1	70-130	%Rec	5	1/7/2022 7:15:00 PM	64897
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.11	mg/Kg	5	1/7/2022 7:15:00 PM	64897
Toluene	ND	0.23	mg/Kg	5	1/7/2022 7:15:00 PM	64897
Ethylbenzene	ND	0.23	mg/Kg	5	1/7/2022 7:15:00 PM	64897
Xylenes, Total	ND	0.46	mg/Kg	5	1/7/2022 7:15:00 PM	64897
Surr: 4-Bromofluorobenzene	90.8	70-130	%Rec	5	1/7/2022 7:15:00 PM	64897

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-60

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 12:30:00 PM

 Lab ID:
 2201193-011
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	3100	150	mg/Kg	50	1/13/2022 2:15:08 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	1/7/2022 7:25:36 PM	64887
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/7/2022 7:25:36 PM	64887
Surr: DNOP	100	70-130	%Rec	1	1/7/2022 7:25:36 PM	64887
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	1/7/2022 8:14:00 PM	64897
Surr: BFB	96.1	70-130	%Rec	5	1/7/2022 8:14:00 PM	64897
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.12	mg/Kg	5	1/7/2022 8:14:00 PM	64897
Toluene	ND	0.24	mg/Kg	5	1/7/2022 8:14:00 PM	64897
Ethylbenzene	ND	0.24	mg/Kg	5	1/7/2022 8:14:00 PM	64897
Xylenes, Total	ND	0.48	mg/Kg	5	1/7/2022 8:14:00 PM	64897
Surr: 4-Bromofluorobenzene	91.2	70-130	%Rec	5	1/7/2022 8:14:00 PM	64897

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-70

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 12:40:00 PM

 Lab ID:
 2201193-012
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	2300	150	mg/Kg	50	1/13/2022 2:52:24 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	1/7/2022 7:36:10 PM	64887
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	1/7/2022 7:36:10 PM	64887
Surr: DNOP	82.3	70-130	%Rec	1	1/7/2022 7:36:10 PM	64887
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	1/7/2022 9:13:00 PM	64897
Surr: BFB	90.3	70-130	%Rec	1	1/7/2022 9:13:00 PM	64897
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	1/7/2022 9:13:00 PM	64897
Toluene	ND	0.047	mg/Kg	1	1/7/2022 9:13:00 PM	64897
Ethylbenzene	ND	0.047	mg/Kg	1	1/7/2022 9:13:00 PM	64897
Xylenes, Total	ND	0.095	mg/Kg	1	1/7/2022 9:13:00 PM	64897
Surr: 4-Bromofluorobenzene	81.6	70-130	%Rec	1	1/7/2022 9:13:00 PM	64897

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-80

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 1:00:00 PM

 Lab ID:
 2201193-013
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	990	60	mg/Kg	20	1/11/2022 3:21:42 PM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	1/7/2022 7:46:42 PM	64887
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	1/7/2022 7:46:42 PM	64887
Surr: DNOP	101	70-130	%Rec	1	1/7/2022 7:46:42 PM	64887
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	1/7/2022 9:32:00 PM	64897
Surr: BFB	86.1	70-130	%Rec	1	1/7/2022 9:32:00 PM	64897
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	1/7/2022 9:32:00 PM	64897
Toluene	ND	0.046	mg/Kg	1	1/7/2022 9:32:00 PM	64897
Ethylbenzene	ND	0.046	mg/Kg	1	1/7/2022 9:32:00 PM	64897
Xylenes, Total	ND	0.091	mg/Kg	1	1/7/2022 9:32:00 PM	64897
Surr: 4-Bromofluorobenzene	81.1	70-130	%Rec	1	1/7/2022 9:32:00 PM	64897

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-90

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 1:10:00 PM

 Lab ID:
 2201193-014
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	5100	300	mg/Kg	100	1/13/2022 3:04:48 AM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	1/7/2022 7:57:12 PM	64887
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	1/7/2022 7:57:12 PM	64887
Surr: DNOP	88.2	70-130	%Rec	1	1/7/2022 7:57:12 PM	64887
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	1/7/2022 9:52:00 PM	64897
Surr: BFB	86.6	70-130	%Rec	1	1/7/2022 9:52:00 PM	64897
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	1/7/2022 9:52:00 PM	64897
Toluene	ND	0.046	mg/Kg	1	1/7/2022 9:52:00 PM	64897
Ethylbenzene	ND	0.046	mg/Kg	1	1/7/2022 9:52:00 PM	64897
Xylenes, Total	ND	0.093	mg/Kg	1	1/7/2022 9:52:00 PM	64897
Surr: 4-Bromofluorobenzene	80.2	70-130	%Rec	1	1/7/2022 9:52:00 PM	64897

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

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Date Reported: 1/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-100

 Project:
 Gissler AV Battery
 Collection Date: 1/4/2022 1:15:00 PM

 Lab ID:
 2201193-015
 Matrix: SOIL
 Received Date: 1/6/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1600	60	mg/Kg	20	1/11/2022 3:46:31 PM	64957
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	1/7/2022 8:07:43 PM	64887
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	1/7/2022 8:07:43 PM	64887
Surr: DNOP	84.6	70-130	%Rec	1	1/7/2022 8:07:43 PM	64887
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/7/2022 10:12:00 PM	64897
Surr: BFB	87.0	70-130	%Rec	1	1/7/2022 10:12:00 PM	64897
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	1/7/2022 10:12:00 PM	64897
Toluene	ND	0.048	mg/Kg	1	1/7/2022 10:12:00 PM	64897
Ethylbenzene	ND	0.048	mg/Kg	1	1/7/2022 10:12:00 PM	64897
Xylenes, Total	ND	0.095	mg/Kg	1	1/7/2022 10:12:00 PM	64897
Surr: 4-Bromofluorobenzene	82.0	70-130	%Rec	1	1/7/2022 10:12:00 PM	64897

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201193** *19-Jan-22*

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: MB-64937 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64937 RunNo: 85054

Prep Date: 1/10/2022 Analysis Date: 1/10/2022 SeqNo: 2992524 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-64937 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64937 RunNo: 85054

Prep Date: 1/10/2022 Analysis Date: 1/10/2022 SeqNo: 2992525 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.6 90 110

Sample ID: MB-64957 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64957 RunNo: 85061

Prep Date: 1/11/2022 Analysis Date: 1/11/2022 SeqNo: 2993781 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-64957 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64957 RunNo: 85061

Prep Date: 1/11/2022 Analysis Date: 1/11/2022 SeqNo: 2993782 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.2 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201193** *19-Jan-22*

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: MB-64887	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 64	887	F	RunNo: 8	5007				
Prep Date: 1/6/2022	Analysis D	ate: 1/	7/2022	S	SeqNo: 29	991255	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	8.6		10.00		86.5	70	130			
Sample ID: MB-64887	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	1D: 64	887	F	RunNo: 8	5008				
Prep Date: 1/6/2022	Analysis D	ate: 1/	7/2022	8	SeqNo: 29	991261	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		106	70	130			
Sample ID: LCS-64887	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	1D: 64	887	F	RunNo: 8	5006				
Prep Date: 1/6/2022	Analysis D	ate: 1/	7/2022	8	SeqNo: 29	991977	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	10	50.00	0	115	68.9	135			
Surr: DNOP	5.0		5.000		101	70	130			
			0.000							
Sample ID: MB-64887	SampT	ype: M		Tes		PA Method	8015M/D: Die	esel Range	e Organics	
Sample ID: MB-64887 Client ID: PBS	·	ype: M E	BLK				8015M/D: Die	esel Range	e Organics	
· ·	·	n ID: 64	3LK 887	F	tCode: El	5006	8015M/D: Did		e Organics	
Client ID: PBS	Batch	n ID: 64	3LK 887 7/2022	F	tCode: El	5006			e Organics RPDLimit	Qual
Client ID: PBS Prep Date: 1/6/2022	Batch Analysis D	n ID: 64 vate: 1 /	3LK 887 7/2022	F	tCode: El	5006 991979	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 1/6/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch Analysis D Result	n ID: 64 Pate: 1/	3LK 887 7/2022	F	tCode: Electronic RunNo: 8: SeqNo: 2: %REC	5006 991979 LowLimit	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 1/6/2022 Analyte Diesel Range Organics (DRO)	Batch Analysis D Result ND	n ID: 64 Pate: 1/ PQL 10	3LK 887 7/2022	F	tCode: El	5006 991979	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 1/6/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch Analysis D Result ND ND 9.1	n ID: 64 Pate: 1/ PQL 10	BLK 887 7/2022 SPK value	SPK Ref Val	RunNo: 8: SeqNo: 2: %REC	5006 991979 LowLimit 70	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 1/6/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP	Batch Analysis D Result ND ND 9.1 SampT	PQL 10 10 10 10	BLK 887 7/2022 SPK value	SPK Ref Val	RunNo: 8: SeqNo: 2: %REC	5006 991979 LowLimit 70 PA Method	Units: mg/K HighLimit 130	g %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 1/6/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-64901	Batch Analysis D Result ND ND 9.1 SampT	PQL 10 50 1D: 64	BLK 887 7/2022 SPK value 10.00	SPK Ref Val Tes	tCode: EI RunNo: 8: SeqNo: 2: %REC 90.7	5006 991979 LowLimit 70 PA Method 5066	Units: mg/K HighLimit 130	g %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 1/6/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-64901 Client ID: LCSS	Batch Analysis D Result ND ND 9.1 SampT Batch	PQL 10 50 1D: 64	3LK 887 7/2022 SPK value 10.00 SS 901 11/2022	SPK Ref Val Tes	RunNo: 8: 8eqNo: 29 8REC 90.7 tCode: El	5006 991979 LowLimit 70 PA Method 5066	Units: mg/k HighLimit 130 8015M/D: Die	g %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 1/6/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-64901 Client ID: LCSS Prep Date: 1/7/2022	Batch Analysis D Result ND ND 9.1 SampT Batch Analysis D	PQL 10 50 1D: 64	3LK 887 7/2022 SPK value 10.00 SS 901 11/2022	SPK Ref Val Tes	tCode: EI RunNo: 8: SeqNo: 2: %REC 90.7 tCode: EI RunNo: 8: SeqNo: 2:	5006 991979 LowLimit 70 PA Method 5066 992973	Units: mg/K HighLimit 130 8015M/D: Did Units: mg/K	g %RPD esel Range	RPDLimit e Organics	

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

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Hall Environmental Analysis Laboratory, Inc.

2201193 19-Jan-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: MB-64901 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 64901 RunNo: 85066

Prep Date: 1/7/2022 Analysis Date: 1/11/2022 SeqNo: 2992975 Units: mg/Kg

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

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 9.0 10.00 89.7 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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201193** *19-Jan-22*

Project:	Gissler AV Battery
Client:	GHD Midland

		,									
Sample ID: mb	o-64900	SampTyp	e: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: PB	s	Batch I	D: 64	900	F	RunNo: 8	5031				
Prep Date: 1/	/6/2022	Analysis Dat	e: 1/	7/2022	S	SeqNo: 2	991678	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Org	ganics (GRO)	ND	5.0								
Surr: BFB		900		1000		89.8	70	130			
Sample ID: mb	-64897	SampTyp	e: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: PB	s	Batch I	D: 64	897	F	RunNo: 8	5031				
Prep Date: 1/	/6/2022	Analysis Dat	e: 1/	7/2022	S	SeqNo: 2	991679	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Org	ganics (GRO)	ND	5.0								
Surr: BFB		860		1000		86.3	70	130			
Sample ID: Ics	-64900	SampTyp	e: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: LC	ss	Batch I	D: 64	900	F	RunNo: 8	5031				
Prep Date: 1/	/6/2022	Analysis Dat	e: 1/	7/2022	8	SeqNo: 2	991680	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Org	ganics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB		1000		1000		104	70	130			
Sample ID: Ics	-64897	SampTyp	e: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: LC	SS	Batch I	D: 64	897	F	RunNo: 8	5031				
Prep Date: 1/	/6/2022	Analysis Dat	e: 1/	7/2022	8	SeqNo: 2	991681	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Org	ganics (GRO)	26	5.0	25.00	0	102	78.6	131			
Surr: BFB		1000		1000		103	70	130			
Sample ID: 220	01193-010ams	SampTyp	e: MS	3	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: SB	-1-50	Batch I	D: 64	897	F	RunNo: 8	5031				
Prep Date: 1/	/6/2022	Analysis Dat	e: 1/	7/2022	S	SeqNo: 2	991683	Units: mg/k	(g		
Analyte			PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Org	ganics (GRO)	30	24	23.90	0	125	70	130			
Surr: BFB		4900		4780		103	70	130			
Sample ID: 220	01193-010amsd	SampTyp	e: MS	SD	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: SB	3-1-50	Batch I	D: 64	897	F	RunNo: 8	5031				
Prep Date: 1/	/6/2022	Analysis Dat	e: 1/	7/2022	8	SeqNo: 2	991685	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201193**

19-Jan-22

Client: GHD Midland
Project: Gissler AV Battery

Client ID: SB-1-50

Sample ID: 2201193-010amsd SampType: MSD

Batch ID: **64897** RunNo: **85031**

Prep Date: 1/6/2022 Analysis Date: 1/7/2022 SeqNo: 2991685 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 0 5.68 20 28 23.88 118 70 130 Surr: BFB 4900 4776 103 70 130 0 0

TestCode: EPA Method 8015D: Gasoline Range

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
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- 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201193**

19-Jan-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: Ics-64900	Samp	SampType: LCS TestCode: EPA Method 8							d 8021B: Volatiles				
Client ID: LCSS	Batc	h ID: 64 9	900	F	RunNo: 8	5031							
Prep Date: 1/6/2022	Analysis [Date: 1/	7/2022	S	SeqNo: 2	991612	Units: mg/k						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.86	0.025	1.000	0	86.2	80	120						
Toluene	0.85	0.050	1.000	0	84.7	80	120						
Ethylbenzene	0.84	0.050	1.000	0	84.4	80	120						
Xylenes, Total	2.4	0.10	3.000	0	81.7	80	120						
Surr: 4-Bromofluorobenzene	0.82		1.000		82.2	70	130						
Sample ID: Icc-64907	Sama	Type: I C	c	Tos	tCodo: El	9021B: Vola	ilee						

Sample ID: Ics-64897	Sampl	SampType: LCS TestCode: EPA Method 80						8021B: Volatiles				
Client ID: LCSS	Batc	Batch ID: 64897 RunNo: 85031					031					
Prep Date: 1/6/2022	Analysis D	Date: 1/7/2022 SeqNo: 2991613					Units: mg/K	ζg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.84	0.025	1.000	0	84.1	80	120					
Toluene	0.84	0.050	1.000	0	83.8	80	120					
Ethylbenzene	0.83	0.050	1.000	0	83.3	80	120					
Xylenes, Total	2.4	0.10	3.000	0	81.2	80	120					
Surr: 4-Bromofluorobenzene	0.80		1.000		79.9	70	130					

Sample ID: mb-64900	SampT	ampType: MBLK TestCode: EPA Method 80					8021B: Volatiles			
Client ID: PBS	Batch	n ID: 64 9	900	F	RunNo: 8					
Prep Date: 1/6/2022	Analysis D	oate: 1/	7/2022	SeqNo: 2991712 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	0.85		1.000		85.2	70	130			

Sample ID: mb-64897	Sampl	уре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	n ID: 64	897	F	RunNo: 8	5031				
Prep Date: 1/6/2022	Analysis D	Date: 1/	7/2022	S	SeqNo: 2	991713	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	0.79		1.000		78.6	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
- 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201193**

19-Jan-22

Client: GHD Midland
Project: Gissler AV Battery

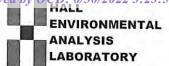
Sample ID: 2201193-011ams	•	уре: М					8021B: Volat	tiles		
Client ID: SB-1-60						5031				
Prep Date: 1/6/2022	Analysis D	Date: 1/	7/2022	S	SeqNo: 29	991715	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.11	0.9191	0	95.2	80	120			
Toluene	0.89	0.23	0.9191	0	96.3	80	120			
Ethylbenzene	0.93	0.23	0.9191	0	101	80	120			
Xylenes, Total	2.7	0.46	2.757	0	96.2	80	120			
Surr: 4-Bromofluorobenzene	4.2		4.596		91.2	70	130			

Sample ID: 2201193-011amsd	SampT	уре: МS	SD	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: SB-1-60	Batch	ID: 64	897	F	lunNo: 8	5031				
Prep Date: 1/6/2022	Analysis D	ate: 1/	7/2022	S	SeqNo: 29	991717	Units: mg/K	ίg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.11	0.9141	0	95.9	80	120	0.204	20	
Toluene	0.91	0.23	0.9141	0	99.8	80	120	2.99	20	
Ethylbenzene	0.93	0.23	0.9141	0	102	80	120	0.215	20	
Xylenes, Total	2.7	0.46	2.742	0	98.6	80	120	1.91	20	
Surr: 4-Bromofluorobenzene	4.1		4.570		89.6	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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

Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	GHD Midland	Work Order Num	ber: 220	1193		RcptNo	î î
Received By:	Tracy Casarrubias	1/6/2022 8:00:00 A	M				
Completed By:	Tracy Casarrubias	1/6/2022 8:17:11 A	M				
Reviewed By:	KPG 1/06	122					
Chain of Cus	stody						
1, Is Chain of C	Custody complete?		Yes	V	No 🗆	Not Present	
2. How was the	sample delivered?		Cou	ırier		1307.500.000	
Log In							
And the second s	npt made to cool the sample	s?	Yes	V	No 🗌	NA 🗆	
4. Were all samp	ples received at a temperatu	re of >0° C to 6.0°C	Yes	V	No 🗆	NA 🗆	
5. Sample(s) in	proper container(s)?		Yes	~	No 🗆		
6. Sufficient sam	nple volume for indicated tes	t(s)?	Yes	V	No 🗌		
7. Are samples ((except VOA and ONG) prop	erly preserved?	Yes	V	No 🗆		
8. Was preserva	tive added to bottles?		Yes		No 🗹	NA 🗌	
	east 1 vial with headspace <1		Yes		No 🗆	NA 🗹	
10, Were any san	mple containers received bro	ken?	Yes		No 🔽	# of preserved	,
	ork match bottle labels? ancies on chain of custody)		Yes	V	No 🗆	bottles checked for pH: (<2 or	>12 dnless noted)
	correctly identified on Chain	of Custody?	Yes	V	No 🗌	Adjusted?	unicos notcu)
	t analyses were requested?		Yes	V	No 🗆		
	ng times able to be met? ustomer for authorization.)		Yes	V	No 🗆	Checked by: -	Ju16/22
	ing (if applicable)						
15. Was client no	tified of all discrepancies wit	h this order?	Yes		No 🗌	NA 🗸	
Person	Notified:	Date:					
By Who	om:	Via:	☐ eMa	ail 🔲	Phone Fax	In Person	
Regardi	ing:						
Client In	nstructions:						
16. Additional ren	marks:						
17. Cooler Inform Cooler No	Temp °C Condition	Seal Intact Seal No	Seal D	ate	Signed By		

	If necessary, samples submitted to Hall Environmental may be supported by other procedural by		572 0806	e: Time: Relinquished by:	1027 JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOHN	23:2	23:5	6 PM 1200 SIS-1-45	N 1185 SB-1-40	1145 SB-1-35	M40 SB-1-30	SS-1-2S	1170 513-1-20	1110 SB-1-15	105 SR-1-10	DIOYE INCO S SD-1-5	Date Time Matrix Sample Name	L EUU (Type)		Accreditation: Az Compliance	☐ Standard ☐ Level 4 (Full Validation)	QA/QC Package:	email or Fax#: Becky.Haskell@ghd.com	Phone #: (505)377-4218	324 W. Main St. Suite 108, Artesia NM 88210	Mailing Address:	ge 20	Client GHD	Chain-of-Custody Record
		Received by: Via: accident Date Time					010	009	003	OUT	900	500	h00	003	200	Der 1001	Container Preservative Type and # Type 220, 193	7	On Ice: X Yes No	3	Tom Larson	Becky Haskell	7 6	1957 7391	Project #:	41 72	30	X Standard VRish	Turn-Around Time:
rnis serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	Direct Bill to EOG Chase Settle	Matthew.Laughlin@ghd.com: Along with Becky Haskell	Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com		*											~	BTEX / M TPH:8015E 8081 Pesti EDB (Meth PAHs by 8: RCRA 8 M CI, F, Br, I 8260 (VOA 8270 (Semi Total Colifo	cides od 5 310 detals NO ₃ ,	O / D s/808 04.1) Dr 82 NO ₂	70S	CB's	RO,) Analysis Req		A	$\overline{\sigma}$	ANALYSIS LABORATOR	HALL ENVIRONMENTAL	10/2

Recei	If necessary, samples submitted to Hall Environmental may be submitted.	2 0800 Tallomin Bl	Relinquished by:	022 3:	23:5	66 P			1315 1 813-1-100	1310 813-1-90	OB-1-1700 S SIJ-1-80	Time Matrix Sample		☐ EDD (Type)		Accreditation: Az Compliance	age:	email or Fax#: Becky.Haskell@ghd.com	Phone #: (505)377-4218	324 W. Main St. Suite 108, Artesia NM 88210	Mailing Address:	ee 200	of Client: GHD	Chain-of-Custody Record
		$\begin{array}{cccccccc} \text{ON} & \text{Via:} & \text{Date Time} \\ \text{ON} & \text{ON} & \text{ON} & \text{ON} \\ \text{ON} & \text{ON} \\ \text{ON} & \text{ON} & \text{ON} \\ \text{ON} & \text{ON} \\ \text{ON} & \text{ON} & \text{ON} \\$							7 012	PIO	013	Container Preservative HEAL No.	Cooler Temp(including CF): 5.0-0.2:48	olers: \	On Ice: X Yes No	son	Becky Haskell	Project Manager:	1023201	Project #:	11 21	Project Name:	Standard No. 5	Turn-Around Time:
this possibility. Any sub-contracted data will be clearly notated on the analytical report.	Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above. Direct Bill to EOG Chase Settle	Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com							1		8 8	BTEX / TPH:80 8081 Pe EDB (M PAHs by RCRA 8 CI, F, B 8260 (VC) 8270 (Se Total Co	esticio ethoc / 831 Meta r, NC DA)	GRO des des des des des des des des des des	0 / DI /8082 04.1) r 827 NO ₂	RO/ PCOSIM	MRt B's MS	D ₄		- Albuqu	www.hallenvironmental.com	ANALYSIS LABORATORY	HALL ENVIRONMENTAL	2,87



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

January 24, 2022

Becky Haskell GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX:

RE: Gissler AV Battery OrderNo.: 2201270

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 6 sample(s) on 1/7/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued January 05, 2022.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 1/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-110

 Project:
 Gissler AV Battery
 Collection Date: 1/5/2022 10:15:00 AM

 Lab ID:
 2201270-001
 Matrix: SOIL
 Received Date: 1/7/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1000	60	mg/Kg	20	1/11/2022 9:32:59 PM	64966
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	1/12/2022 2:48:29 PM	64929
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	1/12/2022 2:48:29 PM	64929
Surr: DNOP	73.9	70-130	%Rec	1	1/12/2022 2:48:29 PM	64929
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/11/2022 1:57:00 AM	64917
Surr: BFB	85.9	70-130	%Rec	1	1/11/2022 1:57:00 AM	64917
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	1/11/2022 1:57:00 AM	64917
Toluene	ND	0.049	mg/Kg	1	1/11/2022 1:57:00 AM	64917
Ethylbenzene	ND	0.049	mg/Kg	1	1/11/2022 1:57:00 AM	64917
Xylenes, Total	ND	0.098	mg/Kg	1	1/11/2022 1:57:00 AM	64917
Surr: 4-Bromofluorobenzene	79.5	70-130	%Rec	1	1/11/2022 1:57:00 AM	64917

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

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CLIENT: GHD Midland

Analytical Report

Lab Order **2201270**

Date Reported: 1/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SB-1-120

Project: Gissler AV Battery Collection Date: 1/5/2022 10:25:00 AM

Lab ID: 2201270-002 **Matrix:** SOIL **Received Date:** 1/7/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	530	60	mg/Kg	20	1/11/2022 9:45:20 PM	64966
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	35	8.5	mg/Kg	1	1/12/2022 3:10:27 PM	64929
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	1/12/2022 3:10:27 PM	64929
Surr: DNOP	80.2	70-130	%Rec	1	1/12/2022 3:10:27 PM	64929
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	23	mg/Kg	5	1/11/2022 2:17:00 AM	64917
Surr: BFB	95.6	70-130	%Rec	5	1/11/2022 2:17:00 AM	64917
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.12	mg/Kg	5	1/11/2022 2:17:00 AM	64917
Toluene	ND	0.23	mg/Kg	5	1/11/2022 2:17:00 AM	64917
Ethylbenzene	ND	0.23	mg/Kg	5	1/11/2022 2:17:00 AM	64917
Xylenes, Total	ND	0.47	mg/Kg	5	1/11/2022 2:17:00 AM	64917
Surr: 4-Bromofluorobenzene	89.8	70-130	%Rec	5	1/11/2022 2:17:00 AM	64917

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

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Date Reported: 1/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-125

 Project:
 Gissler AV Battery
 Collection Date: 1/5/2022 10:30:00 AM

 Lab ID:
 2201270-003
 Matrix: SOIL
 Received Date: 1/7/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	840	60	mg/Kg	20	1/11/2022 9:57:41 PM	64966
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	16	10	mg/Kg	1	1/12/2022 3:21:22 PM	64929
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	1/12/2022 3:21:22 PM	64929
Surr: DNOP	106	70-130	%Rec	1	1/12/2022 3:21:22 PM	64929
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	1/11/2022 2:36:00 AM	64917
Surr: BFB	91.7	70-130	%Rec	1	1/11/2022 2:36:00 AM	64917
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.023	mg/Kg	1	1/11/2022 2:36:00 AM	64917
Toluene	ND	0.047	mg/Kg	1	1/11/2022 2:36:00 AM	64917
Ethylbenzene	ND	0.047	mg/Kg	1	1/11/2022 2:36:00 AM	64917
Xylenes, Total	ND	0.094	mg/Kg	1	1/11/2022 2:36:00 AM	64917
Surr: 4-Bromofluorobenzene	84.2	70-130	%Rec	1	1/11/2022 2:36:00 AM	64917

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

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Date Reported: 1/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-130

 Project:
 Gissler AV Battery
 Collection Date: 1/5/2022 10:35:00 AM

 Lab ID:
 2201270-004
 Matrix: SOIL
 Received Date: 1/7/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	170	60	mg/Kg	20	1/14/2022 1:02:21 PM	65024
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	1/17/2022 11:45:27 AM	65033
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	1/17/2022 11:45:27 AM	65033
Surr: DNOP	100	70-130	%Rec	1	1/17/2022 11:45:27 AM	65033
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/17/2022 9:43:25 AM	65023
Surr: BFB	101	70-130	%Rec	1	1/17/2022 9:43:25 AM	65023
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	1/17/2022 9:43:25 AM	65023
Toluene	ND	0.049	mg/Kg	1	1/17/2022 9:43:25 AM	65023
Ethylbenzene	ND	0.049	mg/Kg	1	1/17/2022 9:43:25 AM	65023
Xylenes, Total	ND	0.097	mg/Kg	1	1/17/2022 9:43:25 AM	65023
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	1/17/2022 9:43:25 AM	65023

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

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Date Reported: 1/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SB-1-135

 Project:
 Gissler AV Battery
 Collection Date: 1/5/2022 10:40:00 AM

 Lab ID:
 2201270-005
 Matrix: SOIL
 Received Date: 1/7/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	65	60	mg/Kg	20	1/14/2022 1:14:41 PM	65024
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	1/17/2022 12:57:51 PM	65033
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/17/2022 12:57:51 PM	65033
Surr: DNOP	109	70-130	%Rec	1	1/17/2022 12:57:51 PM	65033
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/17/2022 10:53:30 AM	65023
Surr: BFB	99.2	70-130	%Rec	1	1/17/2022 10:53:30 AM	65023
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	1/17/2022 10:53:30 AM	65023
Toluene	ND	0.049	mg/Kg	1	1/17/2022 10:53:30 AM	65023
Ethylbenzene	ND	0.049	mg/Kg	1	1/17/2022 10:53:30 AM	65023
Xylenes, Total	ND	0.098	mg/Kg	1	1/17/2022 10:53:30 AM	65023
Surr: 4-Bromofluorobenzene	112	70-130	%Rec	1	1/17/2022 10:53:30 AM	65023

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201270**

24-Jan-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: MB-64966 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64966 RunNo: 85087

Prep Date: 1/11/2022 Analysis Date: 1/11/2022 SeqNo: 2993902 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-64966 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64966 RunNo: 85087

Prep Date: 1/11/2022 Analysis Date: 1/11/2022 SeqNo: 2993903 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.8 90 110

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201270**

24-Jan-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: LCS-64929	Samp1	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batcl	h ID: 64	929	F	RunNo: 8	5117				
Prep Date: 1/10/2022	Analysis D	Date: 1/	12/2022	S	SeqNo: 2	994803	Units: mg/k	K g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	80.9	68.9	135			
Surr: DNOP	3.7		5.000		73.7	70	130			
Sample ID: MB-64929	SampT	Гуре: М Е	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batcl	h ID: 64	929	F	RunNo: 8	5117				
Prep Date: 1/10/2022	Analysis D	Date: 1/	12/2022	5	SeqNo: 2	994804	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	8.9		10.00		89.5	70	130			
Sample ID: 2201270-004AMS	SampT	Гуре: М \$	5	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: SB-1-130	Batcl	h ID: 65	033	F	RunNo: 8	5220				
Prep Date: 1/14/2022	Analysis D	Date: 1/	17/2022	5	SeqNo: 2	998483	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.9	49.26	0	72.4	39.3	155			
Surr: DNOP	4.7		4.926		94.6	70	130			

Sample ID: 2201270-004AMS	D SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: SB-1-130	Batch	ID: 65 0	033	R	lunNo: 8	5220				
Prep Date: 1/14/2022	Analysis D	ate: 1/	17/2022	S	SeqNo: 2	998484	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.6	47.85	0	75.6	39.3	155	1.31	23.4	
Surr: DNOP	4.5		4.785		93.8	70	130	0	0	

Sample ID: LCS-65033	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	ID: 65 0	033	R	tunNo: 8	5220				
Prep Date: 1/14/2022	Analysis D	ate: 1/	17/2022	S	SeqNo: 29	998506	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	84.5	68.9	135			
Surr: DNOP	4.7		5.000		94.1	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 7 of 12

Hall Environmental Analysis Laboratory, Inc.

2201270 24-Jan-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: MB-65033 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 65033 RunNo: 85220

Prep Date: 1/14/2022 Analysis Date: 1/17/2022 SeqNo: 2998507 Units: mg/Kg

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

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 9.7 10.00 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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: 2201270 24-Jan-22

Client: GHD Midland **Project:** Gissler AV Battery

Sample ID: mb-64917 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 64917 RunNo: 85038 Prep Date: 1/7/2022 Analysis Date: 1/10/2022 SeqNo: 2992378 Units: mg/Kg SPK value SPK Ref Val %REC **RPDLimit** Analyte Result PQL LowLimit HighLimit %RPD Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 850 1000 85.5 70 130

Sample ID: Ics-64917 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64917 RunNo: 85038

Prep Date: 1/7/2022 Analysis Date: 1/10/2022 SeqNo: 2992379 Units: mg/Kg

HighLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 O 91.6 78.6 131 Surr: BFB 1000 1000 101 70 130

Sample ID: mb-65023 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 65023 RunNo: 85208

Prep Date: 1/14/2022 Analysis Date: 1/17/2022 SeqNo: 2997544 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 1000 1000 102 70 130

Sample ID: Ics-65023 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 65023 RunNo: 85208

Prep Date: 1/14/2022 Analysis Date: 1/17/2022 SeqNo: 2997545 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 24 5.0 96.6 25.00 78.6 131

Surr: BFB 1100 1000 107 70 130

Sample ID: 2201270-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: SB-1-130 Batch ID: 65023 RunNo: 85208

Prep Date: 1/14/2022 Analysis Date: 1/17/2022 SeqNo: 2997547 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 21 4.8 0 70 23.99 87.6 130 Surr: BFB 1000 959.7 108 70 130

Sample ID: 2201270-004amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: SB-1-130 Batch ID: 65023 RunNo: 85208

Prep Date: 1/14/2022 SeqNo: 2997548 Analysis Date: 1/17/2022 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
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

#: 2201270 24-Jan-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 2201270-004amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: SB-1-130 Batch ID: 65023 RunNo: 85208

Prep Date: 1/14/2022 Analysis Date: 1/17/2022 SeqNo: 2997548 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual 24.98 0 Gasoline Range Organics (GRO) 21 5.0 85.3 70 130 1.38 20 Surr: BFB 1100 999.0 106 70 130 0

Sample ID: mb-65045 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 65045 RunNo: 85208

Prep Date: 1/15/2022 Analysis Date: 1/17/2022 SeqNo: 2997568 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 980 1000 98.2 70 130

Sample ID: Ics-65045 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **LCSS** Batch ID: **65045** RunNo: **85208**

Prep Date: 1/15/2022 Analysis Date: 1/17/2022 SeqNo: 2997569 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1100 1000 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 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2201270 24-Jan-22**

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: mb-64917	·	Гуре: МЕ		Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 64 9	917	F	RunNo: 8	5038				
Prep Date: 1/7/2022	Analysis D	Date: 1/	10/2022	5	SeqNo: 2	992408	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		83.7	70	130			
0 1 10 1 2121			_	_						

Sample ID: Ics-64917	Sampl	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batc	h ID: 64 9	917	F	RunNo: 8	5038				
Prep Date: 1/7/2022	Analysis D	Date: 1/	10/2022	8	SeqNo: 2	992409	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.4	80	120			
Toluene	0.87	0.050	1.000	0	86.9	80	120			
Ethylbenzene	0.88	0.050	1.000	0	87.6	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.7	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		85.6	70	130			

Sample ID: mb-65023	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	1D: 65 0	023	F	RunNo: 8	5208				
Prep Date: 1/14/2022	Analysis D	ate: 1/	17/2022	8	SeqNo: 29	997591	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		112	70	130			

Sample ID: LCS-65023	SampT	SampType: LCS			tCode: El	iles				
Client ID: LCSS	Batcl	n ID: 65 0	023	F	RunNo: 8	5208				
Prep Date: 1/14/2022	Analysis D	Date: 1/	17/2022	8	SeqNo: 2	997592	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.4	80	120			
Toluene	0.88	0.050	1.000	0	88.5	80	120			
Ethylbenzene	0.88	0.050	1.000	0	88.3	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.4	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		111	70	130			

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

2201270 24-Jan-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 2201270-005ams	SampT	Гуре: М S	3	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: SB-1-135	Batcl	h ID: 65 0	023	F	RunNo: 8	5208				
Prep Date: 1/14/2022	Analysis D	Date: 1/	17/2022	\$	SeqNo: 29	997595	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.024	0.9728	0	80.9	80	120			
Toluene	0.82	0.049	0.9728	0	84.2	80	120			
Ethylbenzene	0.82	0.049	0.9728	0	84.4	80	120			
Xylenes, Total	2.4	0.097	2.918	0	83.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9728		107	70	130			

Sample ID: 2201270-005amsd	SampT	ype: MS	SD.	Tes	tCode: El					
Client ID: SB-1-135	Batch	ID: 65 0	023	F	RunNo: 8	5208				
Prep Date: 1/14/2022	Analysis D	ate: 1/	17/2022	S	SeqNo: 29	997596	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.024	0.9515	0	81.3	80	120	1.67	20	
Toluene	0.80	0.048	0.9515	0	84.3	80	120	2.18	20	
Ethylbenzene	0.81	0.048	0.9515	0	84.7	80	120	1.89	20	
Xylenes, Total	2.4	0.095	2.854	0	84.2	80	120	1.31	20	
Surr: 4-Bromofluorobenzene	1.0		0.9515		109	70	130	0	0	

Sample ID: mb-65045	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: 65	045	F	RunNo: 8	5208				
Prep Date: 1/15/2022	Analysis D	ate: 1/	17/2022	\$	SeqNo: 2	997612	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		109	70	130		•	•

Sample ID: LCS-65045	SampT	ype: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	ID: 65	045	F	RunNo: 8	5208				
Prep Date: 1/15/2022	Analysis D	ate: 1/	17/2022	S	SeqNo: 29	997613	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	11		1 000		112	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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Client Name: GHD Midland	Work Order Numb	er: 2201270		RcptNo: 1
Received By: Cheyenne Cason	1/7/2022 8:00:00 AM	1	Chul	
Completed By: Desiree Dominguez	1/7/2022 8:12:30 AM	1	TO	
Reviewed By: 7n17122				
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 sa	mples?	Yes 🗸	No 🗌	NA 🗆
4. Were all samples received at a temp	erature of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗆
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌	
6. Sufficient sample volume for indicate	d test(s)?	Yes 🗸	No 🗌	
7, Are samples (except VOA and ONG)	properly preserved?	Yes 🗸	No 🗌	
B. Was preservative added to bottles?		Yes	No 🗸	NA 🗆
9. Received at least 1 vial with headspa	ce <1/4" for AQ VOA?	Yes	No 🗌	NA 🔽
0. Were any sample containers receive	d broken?	Yes	No 🗸	# of preserved
1. Does paperwork match bottle labels?		Yes 🗸	No 🗆	bottles checked for pH:
(Note discrepancies on chain of custo		165	140	(\$2 or >12 unless noted)
2. Are matrices correctly identified on C	nain of Custody?	Yes 🗸	No 🗌	Adjusted?
3. Is it clear what analyses were reques	ed?	Yes 🗸	No 🗆	
Were all holding times able to be met (If no, notify customer for authorization)		Yes 🗸	No 🗆	Checked by: Cue 1/7/100
pecial Handling (if applicable)				
5. Was client notified of all discrepancie	es with this order?	Yes	No 🗆	NA 🗹
Person Notified:	Date:			
By Whom:	Via:	eMail I	Phone Fax	☐ In Person
Regarding:				
Client Instructions:				
6. Additional remarks:				
7. Cooler Information				
Cooler No Temp °C Condition	on Seal Intact Seal No	Seal Date	Signed By	
1 3.8 Good				

HALL ENVIRONMENTAL	. >-	allenvironmental.com	- Albuquerque, NM 87109	4107	Analysis request	SOS	NAbase Salma	1) 27032, F) ((/ C	GERO dese dese dese dese	splicification of the control of the	276 (Se Sort Personal Colino (Se Sort Persona)	8 8 8			×	(9	3				tle@eogresources.com; Comino@ghd.com og with Becky Haskell	Ilisted above. M. Can't 1/1/20 6800 Direct Bill to EOG Chase Settle
Turn-Around Time:	Project Name:	And The Table	Project #:	16227561	. (Becky Haskell	Tom Larson		On Ice: X Yes		Cooler Temp(including CF): 3,4 -0.1 = 5,8	Container Preservative HEAL No. Type and # Type	100-	700-	2003	h00-	500-	300-			Received by: Via: Date Time	MMM 1/6/33	In Carin 1/7/20 0800
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)	:uc	□ NELAC □ Other	□ EDD (Type)		Date Time Matrix Sample Name	010522 LOS S S13-1-110	1 1015 513-1-120	1050 58-1-125	021-1-130	1040 SB-1-135	V 1115 1 SB-1-137			Date: Time: Relinquished by:	Date: Time: Relinquished by:	16/33 1900 (Chuming)



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

May 16, 2022

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

TEL: (432) 686-0086

FAX

RE: Gissler AV Battery OrderNo.: 2205384

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 17 sample(s) on 5/7/2022 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

Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-1

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:00:00 PM

 Lab ID:
 2205384-001
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	5/11/2022 8:22:10 PM	67403
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	5/11/2022 4:41:33 AM	67346
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	5/11/2022 4:41:33 AM	67346
Surr: DNOP	64.6	51.1-141	%Rec	1	5/11/2022 4:41:33 AM	67346
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/10/2022 2:15:55 PM	67343
Surr: BFB	98.4	37.7-212	%Rec	1	5/10/2022 2:15:55 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/10/2022 2:15:55 PM	67343
Toluene	ND	0.050	mg/Kg	1	5/10/2022 2:15:55 PM	67343
Ethylbenzene	ND	0.050	mg/Kg	1	5/10/2022 2:15:55 PM	67343
Xylenes, Total	ND	0.10	mg/Kg	1	5/10/2022 2:15:55 PM	67343
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	5/10/2022 2:15:55 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-2

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:05:00 PM

 Lab ID:
 2205384-002
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	5/11/2022 8:34:35 PM	67403
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	5/11/2022 4:55:58 AM	67346
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	5/11/2022 4:55:58 AM	67346
Surr: DNOP	71.4	51.1-141	%Rec	1	5/11/2022 4:55:58 AM	67346
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/10/2022 3:26:34 PM	67343
Surr: BFB	97.4	37.7-212	%Rec	1	5/10/2022 3:26:34 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/10/2022 3:26:34 PM	67343
Toluene	ND	0.047	mg/Kg	1	5/10/2022 3:26:34 PM	67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/10/2022 3:26:34 PM	67343
Xylenes, Total	ND	0.095	mg/Kg	1	5/10/2022 3:26:34 PM	67343
Surr: 4-Bromofluorobenzene	96.3	70-130	%Rec	1	5/10/2022 3:26:34 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-3

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:10:00 PM

 Lab ID:
 2205384-003
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	5/11/2022 8:47:00 PM	67403
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/10/2022 11:59:51 AM	67353
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/10/2022 11:59:51 AM	67353
Surr: DNOP	95.0	51.1-141	%Rec	1	5/10/2022 11:59:51 AM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/10/2022 5:48:03 PM	67343
Surr: BFB	96.7	37.7-212	%Rec	1	5/10/2022 5:48:03 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/10/2022 5:48:03 PM	67343
Toluene	ND	0.049	mg/Kg	1	5/10/2022 5:48:03 PM	67343
Ethylbenzene	ND	0.049	mg/Kg	1	5/10/2022 5:48:03 PM	67343
Xylenes, Total	ND	0.098	mg/Kg	1	5/10/2022 5:48:03 PM	67343
Surr: 4-Bromofluorobenzene	94.8	70-130	%Rec	1	5/10/2022 5:48:03 PM	67343

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

eporting Limit Page 3 of 22

Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-1

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:15:00 PM

 Lab ID:
 2205384-004
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CAS
Chloride	110	60	mg/Kg	20	5/11/2022 8:59:25 PM	67403
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/10/2022 12:23:42 PM	67353
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/10/2022 12:23:42 PM	67353
Surr: DNOP	104	51.1-141	%Rec	1	5/10/2022 12:23:42 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/10/2022 6:11:37 PM	67343
Surr: BFB	95.4	37.7-212	%Rec	1	5/10/2022 6:11:37 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	5/10/2022 6:11:37 PM	67343
Toluene	ND	0.047	mg/Kg	1	5/10/2022 6:11:37 PM	67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/10/2022 6:11:37 PM	67343
Xylenes, Total	ND	0.094	mg/Kg	1	5/10/2022 6:11:37 PM	67343
Surr: 4-Bromofluorobenzene	93.7	70-130	%Rec	1	5/10/2022 6:11:37 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-2

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:20:00 PM

 Lab ID:
 2205384-005
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	120	60	mg/Kg	20	5/11/2022 9:11:49 PM	67403
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/10/2022 12:47:34 PM	67353
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/10/2022 12:47:34 PM	67353
Surr: DNOP	93.0	51.1-141	%Rec	1	5/10/2022 12:47:34 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/10/2022 6:35:09 PM	67343
Surr: BFB	97.1	37.7-212	%Rec	1	5/10/2022 6:35:09 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/10/2022 6:35:09 PM	67343
Toluene	ND	0.048	mg/Kg	1	5/10/2022 6:35:09 PM	67343
Ethylbenzene	ND	0.048	mg/Kg	1	5/10/2022 6:35:09 PM	67343
Xylenes, Total	ND	0.097	mg/Kg	1	5/10/2022 6:35:09 PM	67343
Surr: 4-Bromofluorobenzene	94.9	70-130	%Rec	1	5/10/2022 6:35:09 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-4

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:25:00 PM

 Lab ID:
 2205384-006
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LRN
Chloride	87	60	mg/Kg	20	5/11/2022 3:12:10 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/10/2022 1:11:21 PM	67353
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/10/2022 1:11:21 PM	67353
Surr: DNOP	86.0	51.1-141	%Rec	1	5/10/2022 1:11:21 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/10/2022 6:58:40 PM	67343
Surr: BFB	97.3	37.7-212	%Rec	1	5/10/2022 6:58:40 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.023	mg/Kg	1	5/10/2022 6:58:40 PM	67343
Toluene	ND	0.047	mg/Kg	1	5/10/2022 6:58:40 PM	67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/10/2022 6:58:40 PM	67343
Xylenes, Total	ND	0.093	mg/Kg	1	5/10/2022 6:58:40 PM	67343
Surr: 4-Bromofluorobenzene	96.0	70-130	%Rec	1	5/10/2022 6:58:40 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-5

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:30:00 PM

 Lab ID:
 2205384-007
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	160	60	mg/Kg	20	5/11/2022 3:49:11 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/10/2022 1:35:06 PM	67353
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/10/2022 1:35:06 PM	67353
Surr: DNOP	98.7	51.1-141	%Rec	1	5/10/2022 1:35:06 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/10/2022 7:22:15 PM	67343
Surr: BFB	95.6	37.7-212	%Rec	1	5/10/2022 7:22:15 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/10/2022 7:22:15 PM	67343
Toluene	ND	0.049	mg/Kg	1	5/10/2022 7:22:15 PM	67343
Ethylbenzene	ND	0.049	mg/Kg	1	5/10/2022 7:22:15 PM	67343
Xylenes, Total	ND	0.098	mg/Kg	1	5/10/2022 7:22:15 PM	67343
Surr: 4-Bromofluorobenzene	94.8	70-130	%Rec	1	5/10/2022 7:22:15 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-6

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:35:00 PM

 Lab ID:
 2205384-008
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	66	60	mg/Kg	20	5/11/2022 4:26:12 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/10/2022 1:58:55 PM	67353
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/10/2022 1:58:55 PM	67353
Surr: DNOP	107	51.1-141	%Rec	1	5/10/2022 1:58:55 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/10/2022 7:45:46 PM	67343
Surr: BFB	98.2	37.7-212	%Rec	1	5/10/2022 7:45:46 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/10/2022 7:45:46 PM	67343
Toluene	ND	0.047	mg/Kg	1	5/10/2022 7:45:46 PM	67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/10/2022 7:45:46 PM	67343
Xylenes, Total	ND	0.094	mg/Kg	1	5/10/2022 7:45:46 PM	67343
Surr: 4-Bromofluorobenzene	94.6	70-130	%Rec	1	5/10/2022 7:45:46 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-3

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:40:00 PM

 Lab ID:
 2205384-009
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	:: LRN
Chloride	69	60	mg/Kg	20	5/11/2022 4:38:33 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	5/10/2022 2:22:45 PM	67353
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/10/2022 2:22:45 PM	67353
Surr: DNOP	109	51.1-141	%Rec	1	5/10/2022 2:22:45 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/10/2022 8:09:14 PM	67343
Surr: BFB	97.4	37.7-212	%Rec	1	5/10/2022 8:09:14 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/10/2022 8:09:14 PM	67343
Toluene	ND	0.047	mg/Kg	1	5/10/2022 8:09:14 PM	67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/10/2022 8:09:14 PM	67343
Xylenes, Total	ND	0.094	mg/Kg	1	5/10/2022 8:09:14 PM	67343
Surr: 4-Bromofluorobenzene	93.8	70-130	%Rec	1	5/10/2022 8:09:14 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-4

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:45:00 PM

 Lab ID:
 2205384-010
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LRN
Chloride	66	60	mg/Kg	20	5/11/2022 5:15:36 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/10/2022 2:46:45 PM	67353
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/10/2022 2:46:45 PM	67353
Surr: DNOP	78.5	51.1-141	%Rec	1	5/10/2022 2:46:45 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/10/2022 8:32:42 PM	67343
Surr: BFB	95.4	37.7-212	%Rec	1	5/10/2022 8:32:42 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.024	mg/Kg	1	5/10/2022 8:32:42 PM	67343
Toluene	ND	0.048	mg/Kg	1	5/10/2022 8:32:42 PM	67343
Ethylbenzene	ND	0.048	mg/Kg	1	5/10/2022 8:32:42 PM	67343
Xylenes, Total	ND	0.095	mg/Kg	1	5/10/2022 8:32:42 PM	67343
Surr: 4-Bromofluorobenzene	94.7	70-130	%Rec	1	5/10/2022 8:32:42 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-5

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:50:00 PM

 Lab ID:
 2205384-011
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	74	60	mg/Kg	20	5/11/2022 5:27:58 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	5/10/2022 3:10:24 PM	67353
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/10/2022 3:10:24 PM	67353
Surr: DNOP	108	51.1-141	%Rec	1	5/10/2022 3:10:24 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/10/2022 8:56:05 PM	67343
Surr: BFB	101	37.7-212	%Rec	1	5/10/2022 8:56:05 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/10/2022 8:56:05 PM	67343
Toluene	ND	0.050	mg/Kg	1	5/10/2022 8:56:05 PM	67343
Ethylbenzene	ND	0.050	mg/Kg	1	5/10/2022 8:56:05 PM	67343
Xylenes, Total	ND	0.10	mg/Kg	1	5/10/2022 8:56:05 PM	67343
Surr: 4-Bromofluorobenzene	96.5	70-130	%Rec	1	5/10/2022 8:56:05 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-6

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 2:55:00 PM

 Lab ID:
 2205384-012
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	60	60	mg/Kg	20	5/11/2022 5:40:19 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/10/2022 3:34:09 PM	67353
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/10/2022 3:34:09 PM	67353
Surr: DNOP	76.9	51.1-141	%Rec	1	5/10/2022 3:34:09 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/10/2022 9:19:31 PM	67343
Surr: BFB	96.6	37.7-212	%Rec	1	5/10/2022 9:19:31 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/10/2022 9:19:31 PM	67343
Toluene	ND	0.048	mg/Kg	1	5/10/2022 9:19:31 PM	67343
Ethylbenzene	ND	0.048	mg/Kg	1	5/10/2022 9:19:31 PM	67343
Xylenes, Total	ND	0.095	mg/Kg	1	5/10/2022 9:19:31 PM	67343
Surr: 4-Bromofluorobenzene	94.0	70-130	%Rec	1	5/10/2022 9:19:31 PM	67343

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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-7

Project: Gissler AV Battery
 Collection Date: 5/4/2022 3:00:00 PM

 Lab ID: 2205384-013
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LRN
Chloride	120	60	mg/Kg	20	5/11/2022 5:52:40 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/10/2022 3:57:56 PM	67353
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/10/2022 3:57:56 PM	67353
Surr: DNOP	105	51.1-141	%Rec	1	5/10/2022 3:57:56 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/10/2022 10:30:06 PM	67343
Surr: BFB	98.3	37.7-212	%Rec	1	5/10/2022 10:30:06 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.025	mg/Kg	1	5/10/2022 10:30:06 PM	67343
Toluene	ND	0.049	mg/Kg	1	5/10/2022 10:30:06 PM	67343
Ethylbenzene	ND	0.049	mg/Kg	1	5/10/2022 10:30:06 PM	67343
Xylenes, Total	ND	0.098	mg/Kg	1	5/10/2022 10:30:06 PM	67343
Surr: 4-Bromofluorobenzene	94.3	70-130	%Rec	1	5/10/2022 10:30:06 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-8

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 3:05:00 PM

 Lab ID:
 2205384-014
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	:: LRN
Chloride	ND	60	mg/Kg	20	5/11/2022 6:05:01 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/10/2022 4:21:47 PM	67353
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/10/2022 4:21:47 PM	67353
Surr: DNOP	107	51.1-141	%Rec	1	5/10/2022 4:21:47 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/10/2022 10:53:28 PM	67343
Surr: BFB	95.8	37.7-212	%Rec	1	5/10/2022 10:53:28 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.023	mg/Kg	1	5/10/2022 10:53:28 PM	67343
Toluene	ND	0.047	mg/Kg	1	5/10/2022 10:53:28 PM	67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/10/2022 10:53:28 PM	67343
Xylenes, Total	ND	0.094	mg/Kg	1	5/10/2022 10:53:28 PM	67343
Surr: 4-Bromofluorobenzene	94.0	70-130	%Rec	1	5/10/2022 10:53:28 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-9

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 3:10:00 PM

 Lab ID:
 2205384-015
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	210	60	mg/Kg	20	5/11/2022 6:17:22 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/10/2022 4:45:40 PM	67353
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/10/2022 4:45:40 PM	67353
Surr: DNOP	88.0	51.1-141	%Rec	1	5/10/2022 4:45:40 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/10/2022 11:16:51 PM	67343
Surr: BFB	96.2	37.7-212	%Rec	1	5/10/2022 11:16:51 PM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/10/2022 11:16:51 PM	67343
Toluene	ND	0.048	mg/Kg	1	5/10/2022 11:16:51 PM	67343
Ethylbenzene	ND	0.048	mg/Kg	1	5/10/2022 11:16:51 PM	67343
Xylenes, Total	ND	0.096	mg/Kg	1	5/10/2022 11:16:51 PM	67343
Surr: 4-Bromofluorobenzene	94.3	70-130	%Rec	1	5/10/2022 11:16:51 PM	67343

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

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Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-10

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 3:15:00 PM

 Lab ID:
 2205384-016
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LRN
Chloride	96	60	mg/Kg	20	5/11/2022 6:29:42 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/10/2022 5:09:35 PM	67353
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/10/2022 5:09:35 PM	67353
Surr: DNOP	76.8	51.1-141	%Rec	1	5/10/2022 5:09:35 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/10/2022 11:40:17 PM	1 67343
Surr: BFB	95.0	37.7-212	%Rec	1	5/10/2022 11:40:17 PM	1 67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	5/10/2022 11:40:17 PM	1 67343
Toluene	ND	0.047	mg/Kg	1	5/10/2022 11:40:17 PM	1 67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/10/2022 11:40:17 PM	1 67343
Xylenes, Total	ND	0.094	mg/Kg	1	5/10/2022 11:40:17 PM	1 67343
Surr: 4-Bromofluorobenzene	95.6	70-130	%Rec	1	5/10/2022 11:40:17 PM	1 67343

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

rting Limit Page 16 of 22

Date Reported: 5/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-11

 Project:
 Gissler AV Battery
 Collection Date: 5/4/2022 3:20:00 PM

 Lab ID:
 2205384-017
 Matrix: SOIL
 Received Date: 5/7/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	98	60	mg/Kg	20	5/11/2022 6:42:04 PM	67404
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/10/2022 5:33:30 PM	67353
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/10/2022 5:33:30 PM	67353
Surr: DNOP	88.1	51.1-141	%Rec	1	5/10/2022 5:33:30 PM	67353
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/11/2022 12:03:42 AM	67343
Surr: BFB	94.7	37.7-212	%Rec	1	5/11/2022 12:03:42 AM	67343
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	5/11/2022 12:03:42 AM	67343
Toluene	ND	0.047	mg/Kg	1	5/11/2022 12:03:42 AM	67343
Ethylbenzene	ND	0.047	mg/Kg	1	5/11/2022 12:03:42 AM	67343
Xylenes, Total	ND	0.093	mg/Kg	1	5/11/2022 12:03:42 AM	67343
Surr: 4-Bromofluorobenzene	94.8	70-130	%Rec	1	5/11/2022 12:03:42 AM	67343

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205384**

16-May-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: MB-67403 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67403 RunNo: 87903

Prep Date: 5/11/2022 Analysis Date: 5/11/2022 SeqNo: 3116758 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67403 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67403 RunNo: 87903

Prep Date: 5/11/2022 Analysis Date: 5/11/2022 SeqNo: 3116759 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 94.1 90 110

Sample ID: MB-67404 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67404 RunNo: 87928

Prep Date: 5/11/2022 Analysis Date: 5/11/2022 SeqNo: 3116886 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67404 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67404 RunNo: 87928

Prep Date: 5/11/2022 Analysis Date: 5/11/2022 SeqNo: 3116887 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 93.8 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 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2205384

16-May-22

Client: GHD Midland **Project:** Gissler AV Battery

Sample ID: MB-67353	SampTyp	oe: ME	BLK	Test	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics			
Client ID: PBS	Batch I	D: 67 :	353	R	RunNo: 8	7866						
Prep Date: 5/9/2022	Analysis Dat	te: 5/	10/2022	S	SeqNo: 3	113305	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	51.1	141					
Sample ID: LCS-67353	SampTyp	oe: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	Organics			
Client ID: LCSS	Batch I	D: 67 3	353	R	RunNo: 8	7866						
Prep Date: 5/9/2022	Analysis Dat	te: 5/	10/2022	S	SeqNo: 3	113306	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	47	10	50.00	0	93.6	68.9	135					
Surr: DNOP	4.7		5.000		93.8	51.1	141					
Sample ID: 2205384-003AMS	SampTyp	oe: MS	;	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: SW-3	Datab I	D: 67 :	353	RunNo: 87866								
CHERLID. 3W-3	Batch I											
Prep Date: 5/9/2022	Analysis Dat	te: 5/	10/2022	S	SeqNo: 3	115669	Units: mg/k	(g				
	Analysis Dat	te: 5/		SPK Ref Val		115669 LowLimit	Units: mg/k	Kg %RPD	RPDLimit	Qual		
Prep Date: 5/9/2022	Analysis Dat						_	_	RPDLimit	Qual		
Prep Date: 5/9/2022 Analyte	Analysis Dat	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	_	RPDLimit	Qual		
Prep Date: 5/9/2022 Analyte Diesel Range Organics (DRO)	Analysis Dat Result 34 2.8	PQL 9.7	SPK value 48.50 4.850	SPK Ref Val	%REC 70.5 57.2	26.1 51.1	HighLimit 154	%RPD		Qual		
Prep Date: 5/9/2022 Analyte Diesel Range Organics (DRO) Surr: DNOP	Analysis Dat Result 34 2.8	9.7 pe: MS	SPK value 48.50 4.850	SPK Ref Val 0	%REC 70.5 57.2	26.1 51.1 29 Method	HighLimit 154 141	%RPD		Qual		
Prep Date: 5/9/2022 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2205384-003AMS	Analysis Dat Result 34 2.8 SD SampTyp	9.7 De: MS	SPK value 48.50 4.850 6D 353	SPK Ref Val 0 Test	%REC 70.5 57.2 tCode: EI	36.1 51.1 PA Method	HighLimit 154 141	%RPD		Qual		
Prep Date: 5/9/2022 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2205384-003AMS Client ID: SW-3	Analysis Dat Result 34 2.8 SD SampTyp Batch I Analysis Dat	9.7 De: MS	SPK value 48.50 4.850 6D 353 10/2022	SPK Ref Val 0 Test	%REC 70.5 57.2 tCode: El RunNo: 8' SeqNo: 3	36.1 51.1 PA Method	HighLimit 154 141 8015M/D: Did	%RPD		Qual		
Prep Date: 5/9/2022 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2205384-003AMS Client ID: SW-3 Prep Date: 5/9/2022	Analysis Dat Result 34 2.8 SD SampTyp Batch I Analysis Dat	9.7 De: MS D: 67 3 te: 5 /	SPK value 48.50 4.850 6D 353 10/2022	SPK Ref Val 0 Test	%REC 70.5 57.2 tCode: El RunNo: 8' SeqNo: 3	26.1 26.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27	HighLimit 154 141 8015M/D: Did Units: mg/k	%RPD esel Range	e Organics			

Client ID: PBS	Batch ID: 67	327	R	unNo: 87	7866				
Prep Date: 5/6/2022	Analysis Date: 5/	10/2022	S	eqNo: 31	115674	Units: %Rec	;		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10	10.00		104	51.1	141			
0 1 15 1 22 27227	o =			0					

Sample ID: LCS-67327 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 67327 RunNo: 87866 Prep Date: 5/6/2022 Analysis Date: 5/10/2022 SeqNo: 3115675 Units: %Rec Analyte SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result

Qualifiers:

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

Sample ID: MB-67327

% Recovery outside of range due to dilution or matrix interference

SampType: MBLK

Analyte detected in the associated Method Blank

TestCode: EPA Method 8015M/D: Diesel Range Organics

- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205384** *16-May-22*

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: LCS-67327 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 67327 RunNo: 87866

Prep Date: 5/6/2022 Analysis Date: 5/10/2022 SegNo: 3115675 Units: %Rec

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

Surr: DNOP 4.8 5.000 96.5 51.1 141

Sample ID: MB-67314 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 67314 RunNo: 87864

Prep Date: 5/6/2022 Analysis Date: 5/10/2022 SeqNo: 3116791 Units: %Rec

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

Surr: DNOP 10 10.00 102 51.1 141

Sample ID: LCS-67314 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 67314 RunNo: 87864

Prep Date: 5/6/2022 Analysis Date: 5/10/2022 SeqNo: 3116792 Units: %Rec

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

Surr: DNOP 4.9 5.000 98.0 51.1 14

Sample ID: MB-67346 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 67346 RunNo: 87864

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3116815 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 8.6 10.00 86.4 51.1 141

Sample ID: LCS-67346 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 67346 RunNo: 87864

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3116816 Units: mg/Kg

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

 Diesel Range Organics (DRO)
 38
 10
 50.00
 0
 75.1
 68.9
 135

 Surr: DNOP
 3.8
 5.000
 76.4
 51.1
 141

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205384**

16-May-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 2205384-001ams

Sample ID: mb-67343 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 67343 RunNo: 87865

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3114293 Units: mq/Kq

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

 Gasoline Range Organics (GRO)
 ND
 5.0

 Surr: BFB
 990
 1000

Surr: BFB 990 1000 99.2 37.7 212

Sample ID: Ics-67343 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 67343 RunNo: 87865

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3114294 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 O 95.0 72.3 137

TestCode: EPA Method 8015D: Gasoline Range

 Surr: BFB
 2100
 1000
 211
 37.7
 212

Client ID: **SW-1** Batch ID: **67343** RunNo: **87865**

SampType: MS

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3114296 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte PQL LowLimit Qual Gasoline Range Organics (GRO) 25 4.9 24.27 0 103 70 130 Surr: BFB S 223 2200 970.9 37.7 212

Sample ID: 2205384-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: SW-1 Batch ID: 67343 RunNo: 87865

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3114297 Units: mq/Kq

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual 24.44 Gasoline Range Organics (GRO) 24 4.9 99.0 70 3.43 130 20 Surr: BFB 2200 977.5 222 37.7 212 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 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2205384

16-May-22

Client: GHD Midland **Project:** Gissler AV Battery

Sample ID: mb-67343 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 67343 RunNo: 87865

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3114333 Units: mq/Kq

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

Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.97 1.000 97.0 70 130

Sample ID: LCS-67343 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Analysis Date: 5/10/2022 SeqNo: 3114334 Prep Date: 5/9/2022 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 0.84 0.025 0 84.1 80 120 Benzene Toluene 0.89 0.050 1.000 0 89.4 80 120 0 90.2 80 Ethylbenzene 0.90 0.050 1.000 120 0 90.3 Xylenes, Total 2.7 0.10 3.000 80 120 Surr: 4-Bromofluorobenzene 1.0 1.000 101 70 130

RunNo: 87865

Sample ID: 2205384-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: SW-2 Batch ID: 67343 RunNo: 87865

Batch ID: 67343

Prep Date: 5/9/2022 Analysis Date: 5/10/2022 SeqNo: 3114337 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 94.2 0.93 0.025 0.9833 68.8 120 Benzene O Toluene 0.049 0.9833 0 101 73.6 124 1.0 0.9833 0 103 72.7 129 Ethylbenzene 1.0 0.049 Xylenes, Total 3.0 0.098 2.950 0 103 75.7 126 Surr: 4-Bromofluorobenzene 0.9833 97.3 0.96 70 130

TestCode: EPA Method 8021B: Volatiles Sample ID: 2205384-002amsd SampType: MSD

Client ID: Batch ID: 67343 SW-2 RunNo: 87865

Prep Date: 5/9/2022	Analysis D)ate: 5/	10/2022	S	SeqNo: 3	114338	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	0.9911	0	98.4	68.8	120	5.18	20	
Toluene	1.0	0.050	0.9911	0	105	73.6	124	4.11	20	
Ethylbenzene	1.1	0.050	0.9911	0	109	72.7	129	6.47	20	
Xylenes, Total	3.2	0.099	2.973	0	109	75.7	126	6.55	20	
Surr: 4-Bromofluorobenzene	0.98		0.9911		98.7	70	130	0	0	

Qualifiers:

Client ID:

LCSS

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 Estimated value

Analyte detected below quantitation limits

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: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland	Work Order Numb	per: 2205384		RcptNo: 1	
Received By: Cheyenne Cason	5/7/2022 7:50:00 AI	M.	Chal		
Completed By: Cheyenne Cason	5/7/2022 8:17:41 Al	М	Cheel		
Reviewed By: In 5/9/22					
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗸	No 🗌	Not Present	
2. How was the sample delivered?		Courier			
Log In					
3. Was an attempt made to cool the sample:	s?	Yes 🗹	No 🗌	NA 🗆	
4. Were all samples received at a temperatu	re 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	t(s)?	Yes 🗸	No 🗆		
7. Are samples (except VOA and ONG) prop	erly preserved?	Yes 🗸	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🔽	NA 🗆	
9. Received at least 1 vial with headspace <1	/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🔽	
10. Were any sample containers received bro	ken?	Yes	No 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗸	No 🗆	bottles checked for pH:	unless noted)
12. Are matrices correctly identified on Chain	of Custody?	Yes 🗹	No 🗆	Adjusted?	
13. Is it clear what analyses were requested?		Yes 🗸	No 🗆		1.1
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No 🗆	Checked by CM	,5/7/22
Special Handling (if applicable)					
15. Was client notified of all discrepancies wit	h this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date:				
By Whom:	Via:	eMail] Phone [] Fax	☐ In Person	
Regarding:					
Client Instructions:					
17. Cooler Information Cooler No Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By	1	
	Not Present	July Date	oighed by		

36/27	Date:	05/22	Date:	4										-	050422	Date	O ED	Accreditati	□ Standard	QA/QC	email o	Phone #:	324 W	Mailing		Client:	
1900 CMY COSCH 5/7/20 0750 Haskell listed above.	-	0800	Time:	1455	1450	3445	1440	1435	1430	1425	1420	1415	1410	SOA1	21400	Time	□ EDD (Type)	Accreditation:	ndard	QA/QC Package:	email or Fax#:	#	. Main St	Mailing Address		GHD	hain
2	Relinquished by:	12	Relinquished by:	*		Ė	V								N	Matrix		□ Az Co			Becky.h	(505)377-4218	Suite 10	r.			of-C
>	hed by:	Conde A	hed by:	134-6	SHS	1/18	BH·3	SW-6	<w.></w.>	4-US	134.2	1-HS	SW-3	2-MS	SW-1	Sample Name		☐ Az Compliance	☐ Level 4 (Full Validation)		Becky.Haskell@ghd.com	7-4218	324 W. Main St. Suite 108, Artesia NM 88210				Chain-of-Custody Record
	10	111/1	//	1												ame			'alidation)				10				ord
	Received by:	am	Received by:						,					_	4	Container Preservativ Type and # Type	# of Coolers	Sampler: On Ice:	Tom Larson	Becky Haskell	Project Manager:	1/2	Project #:	Gissl	Project Name:	Standard	Turn-Around Time:
> 10 · 1	Via:		Via:															Zach Comino X Yes		≌	ager:	12563391		er AU	Ö.	Rush	Time:
() 3 m () ()	_	36/22 800	Date Time	012	011	010	CDA	808	007	900	005	(D)4	<i>®</i> 3	002	8	4-0124.8 HEAL No. 22/6384	100000	□ No					J	Batter,	1	4 5-de	>
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ANALYSIS LABORATORY HALL ENVIRONMENTAL

Released to Imaging: 7/12/2022 4:23:55 PM



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

May 24, 2022

Becky Haskell GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX:

RE: Gissler AV Tank Battery OrderNo.: 2205491

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 12 sample(s) on 5/11/2022 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-12

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 8:00:00 AM

 Lab ID:
 2205491-001
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Analys						: JMT
Chloride	930	60	mg/Kg	20	5/13/2022 4:09:34 AM	67438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS A					Analys	: ED
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/12/2022 10:36:05 AM	67420
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/12/2022 10:36:05 AM	67420
Surr: DNOP	91.5	51.1-141	%Rec	1	5/12/2022 10:36:05 AM	67420
EPA METHOD 8015D: GASOLINE RANGE Analyst: N					: NSB	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/12/2022 9:27:39 AM	67413
Surr: BFB	100	37.7-212	%Rec	1	5/12/2022 9:27:39 AM	67413
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/12/2022 9:27:39 AM	67413
Toluene	ND	0.049	mg/Kg	1	5/12/2022 9:27:39 AM	67413
Ethylbenzene	ND	0.049	mg/Kg	1	5/12/2022 9:27:39 AM	67413
Xylenes, Total	ND	0.098	mg/Kg	1	5/12/2022 9:27:39 AM	67413
Surr: 4-Bromofluorobenzene	94.6	70-130	%Rec	1	5/12/2022 9:27:39 AM	67413

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 17

2205491-002

Lab ID:

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2205491

Received Date: 5/11/2022 7:15:00 AM

Date Reported: 5/24/2022

5/12/2022 10:38:25 AM

5/12/2022 10:38:25 AM

5/12/2022 10:38:25 AM

5/12/2022 10:38:25 AM

5/12/2022 10:38:25 AM 67413

67413

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-13

Project: Gissler AV Tank Battery Collection Date: 5/9/2022 8:30:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 1200 150 mg/Kg 5/16/2022 1:06:50 PM 67438 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: **ED** Diesel Range Organics (DRO) 9.7 mg/Kg 5/12/2022 10:50:11 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 5/12/2022 10:50:11 AM 67420 Surr: DNOP 5/12/2022 10:50:11 AM 76.1 51.1-141 %Rec 67420 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5/12/2022 10:38:25 AM 67413 4.9 mg/Kg Surr: BFB 101 37.7-212 %Rec 5/12/2022 10:38:25 AM **EPA METHOD 8021B: VOLATILES** Analyst: NSB

ND

ND

ND

ND

95.3

0.025

0.049

0.049

0.099

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

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

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Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-14

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 8:40:00 AM

 Lab ID:
 2205491-003
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: JMT
Chloride	2000	60	mg/Kg	20	5/13/2022 4:59:13 AM	67438
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	:: ED
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/12/2022 11:04:07 AM	67420
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/12/2022 11:04:07 AM	67420
Surr: DNOP	91.4	51.1-141	%Rec	1	5/12/2022 11:04:07 AM	67420
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/12/2022 11:48:54 AM	67413
Surr: BFB	98.5	37.7-212	%Rec	1	5/12/2022 11:48:54 AM	67413
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.024	mg/Kg	1	5/12/2022 11:48:54 AM	67413
Toluene	ND	0.048	mg/Kg	1	5/12/2022 11:48:54 AM	67413
Ethylbenzene	ND	0.048	mg/Kg	1	5/12/2022 11:48:54 AM	67413
Xylenes, Total	ND	0.096	mg/Kg	1	5/12/2022 11:48:54 AM	67413
Surr: 4-Bromofluorobenzene	96.0	70-130	%Rec	1	5/12/2022 11:48:54 AM	67413

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

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Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-15

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 9:00:00 AM

 Lab ID:
 2205491-004
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: NAI
Chloride	5700	300	mg/Kg	100	5/16/2022 6:19:49 PM	67451
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: ED
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/12/2022 11:46:32 AM	67420
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/12/2022 11:46:32 AM	67420
Surr: DNOP	60.6	51.1-141	%Rec	1	5/12/2022 11:46:32 AM	67420
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/12/2022 12:12:28 PM	67413
Surr: BFB	97.5	37.7-212	%Rec	1	5/12/2022 12:12:28 PM	67413
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/12/2022 12:12:28 PM	67413
Toluene	ND	0.050	mg/Kg	1	5/12/2022 12:12:28 PM	67413
Ethylbenzene	ND	0.050	mg/Kg	1	5/12/2022 12:12:28 PM	67413
Xylenes, Total	ND	0.10	mg/Kg	1	5/12/2022 12:12:28 PM	67413
Surr: 4-Bromofluorobenzene	94.0	70-130	%Rec	1	5/12/2022 12:12:28 PM	67413

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

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2205491-005

Lab ID:

Analytical Report Lab Order 2205491

Received Date: 5/11/2022 7:15:00 AM

Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-16

Project: Gissler AV Tank Battery Collection Date: 5/9/2022 9:30:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 1100 60 mg/Kg 20 5/13/2022 12:09:19 PM 67451 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 9.5 mg/Kg 5/16/2022 1:36:40 PM 67420 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/16/2022 1:36:40 PM 67420 Surr: DNOP 88.7 51.1-141 %Rec 5/16/2022 1:36:40 PM 67420 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 5/12/2022 12:35:50 PM Gasoline Range Organics (GRO) ND 67413 4.9 mg/Kg Surr: BFB 97.3 37.7-212 %Rec 5/12/2022 12:35:50 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.025 5/12/2022 12:35:50 PM 67413 Benzene mg/Kg Toluene ND 0.049 mg/Kg 5/12/2022 12:35:50 PM Ethylbenzene ND 0.049 mg/Kg 1 5/12/2022 12:35:50 PM 67413 Xylenes, Total ND 0.098 mg/Kg 5/12/2022 12:35:50 PM Surr: 4-Bromofluorobenzene 70-130 5/12/2022 12:35:50 PM 67413 95.4 %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 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 5 of 17

Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-17

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 10:00:00 AM

 Lab ID:
 2205491-006
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: NAI
Chloride	2500	150	mg/Kg	50	5/16/2022 6:32:14 PM	67451
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/16/2022 2:00:27 PM	67420
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/16/2022 2:00:27 PM	67420
Surr: DNOP	88.1	51.1-141	%Rec	1	5/16/2022 2:00:27 PM	67420
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/12/2022 12:59:13 PM	67413
Surr: BFB	98.0	37.7-212	%Rec	1	5/12/2022 12:59:13 PM	67413
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/12/2022 12:59:13 PM	67413
Toluene	ND	0.049	mg/Kg	1	5/12/2022 12:59:13 PM	67413
Ethylbenzene	ND	0.049	mg/Kg	1	5/12/2022 12:59:13 PM	67413
Xylenes, Total	ND	0.099	mg/Kg	1	5/12/2022 12:59:13 PM	67413
Surr: 4-Bromofluorobenzene	94.1	70-130	%Rec	1	5/12/2022 12:59:13 PM	67413

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

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Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-7

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 10:30:00 AM

 Lab ID:
 2205491-007
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	5/13/2022 12:58:58 PM	67451
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/16/2022 2:24:17 PM	67420
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/16/2022 2:24:17 PM	67420
Surr: DNOP	84.5	51.1-141	%Rec	1	5/16/2022 2:24:17 PM	67420
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/12/2022 1:22:35 PM	67413
Surr: BFB	95.3	37.7-212	%Rec	1	5/12/2022 1:22:35 PM	67413
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/12/2022 1:22:35 PM	67413
Toluene	ND	0.048	mg/Kg	1	5/12/2022 1:22:35 PM	67413
Ethylbenzene	ND	0.048	mg/Kg	1	5/12/2022 1:22:35 PM	67413
Xylenes, Total	ND	0.097	mg/Kg	1	5/12/2022 1:22:35 PM	67413
Surr: 4-Bromofluorobenzene	94.3	70-130	%Rec	1	5/12/2022 1:22:35 PM	67413

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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 17

Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-8

Project: Gissler AV Tank Battery **Collection Date:** 5/9/2022 11:00:00 AM

Lab ID: 2205491-008 **Matrix:** SOIL **Received Date:** 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	300	60	mg/Kg	20	5/13/2022 1:11:23 PM	67451
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/19/2022 12:56:07 PM	67555
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/19/2022 12:56:07 PM	67555
Surr: DNOP	54.9	51.1-141	%Rec	1	5/19/2022 12:56:07 PM	67555
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/12/2022 1:45:57 PM	67413
Surr: BFB	93.8	37.7-212	%Rec	1	5/12/2022 1:45:57 PM	67413
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.024	mg/Kg	1	5/12/2022 1:45:57 PM	67413
Toluene	ND	0.049	mg/Kg	1	5/12/2022 1:45:57 PM	67413
Ethylbenzene	ND	0.049	mg/Kg	1	5/12/2022 1:45:57 PM	67413
Xylenes, Total	ND	0.098	mg/Kg	1	5/12/2022 1:45:57 PM	67413
Surr: 4-Bromofluorobenzene	94.0	70-130	%Rec	1	5/12/2022 1:45:57 PM	67413

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

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2205491-009

Lab ID:

Analytical Report Lab Order 2205491

Received Date: 5/11/2022 7:15:00 AM

Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-9

Project: Gissler AV Tank Battery Collection Date: 5/9/2022 11:15:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 420 60 mg/Kg 20 5/13/2022 1:23:48 PM 67451 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/19/2022 1:20:00 PM 67555 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/19/2022 1:20:00 PM 67555 Surr: DNOP 58.9 51.1-141 %Rec 5/19/2022 1:20:00 PM 67555 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB

Gasoline Range Organics (GRO) ND 5/12/2022 2:09:19 PM 67413 4.7 mg/Kg Surr: BFB 95.7 37.7-212 %Rec 5/12/2022 2:09:19 PM 67413 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.023 5/12/2022 2:09:19 PM 67413 Benzene mg/Kg Toluene ND 0.047 mg/Kg 5/12/2022 2:09:19 PM 67413 Ethylbenzene ND 0.047 mg/Kg 1 5/12/2022 2:09:19 PM 67413 Xylenes, Total ND 0.094 mg/Kg 5/12/2022 2:09:19 PM 67413 Surr: 4-Bromofluorobenzene 70-130 67413 95.2 %Rec 5/12/2022 2:09:19 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
- Η 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 interference
- Analyte detected in the associated Method Blank
- Е Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-10

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 11:45:00 AM

 Lab ID:
 2205491-010
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 310 60 mg/Kg 20 5/13/2022 1:36:13 PM 67451 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.8 mg/Kg 5/19/2022 1:43:45 PM 67420 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 5/19/2022 1:43:45 PM 67420 Surr: DNOP 55.5 5/19/2022 1:43:45 PM 51.1-141 %Rec 67420 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5/12/2022 2:32:39 PM 67413 4.9 mg/Kg Surr: BFB 96.2 37.7-212 %Rec 5/12/2022 2:32:39 PM 67413 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 5/12/2022 2:32:39 PM 67413 Benzene mg/Kg Toluene ND 0.049 mg/Kg 5/12/2022 2:32:39 PM 67413 Ethylbenzene ND 0.049 mg/Kg 1 5/12/2022 2:32:39 PM 67413 Xylenes, Total ND 0.097 mg/Kg 5/12/2022 2:32:39 PM 67413 Surr: 4-Bromofluorobenzene 70-130 67413 96.0 %Rec 5/12/2022 2:32:39 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 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

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Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-11

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 12:30:00 PM

 Lab ID:
 2205491-011
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	: ЈМТ
Chloride	350	61		mg/Kg	20	5/13/2022 1:48:38 PM	67451
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	:: ED
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/16/2022 3:59:45 PM	67420
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/16/2022 3:59:45 PM	67420
Surr: DNOP	37.0	51.1-141	S	%Rec	1	5/16/2022 3:59:45 PM	67420
EPA METHOD 8015D: GASOLINE RANGE						Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/12/2022 3:42:50 PM	67413
Surr: BFB	98.8	37.7-212		%Rec	1	5/12/2022 3:42:50 PM	67413
EPA METHOD 8021B: VOLATILES						Analys	: NSB
Benzene	ND	0.023		mg/Kg	1	5/12/2022 3:42:50 PM	67413
Toluene	ND	0.047		mg/Kg	1	5/12/2022 3:42:50 PM	67413
Ethylbenzene	ND	0.047		mg/Kg	1	5/12/2022 3:42:50 PM	67413
Xylenes, Total	ND	0.094		mg/Kg	1	5/12/2022 3:42:50 PM	67413
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	5/12/2022 3:42:50 PM	67413

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

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Date Reported: 5/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-12

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/9/2022 1:00:00 PM

 Lab ID:
 2205491-012
 Matrix: SOIL
 Received Date: 5/11/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	300	60	mg/Kg	20	5/13/2022 2:01:03 PM	67451
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	5/19/2022 2:31:35 PM	67555
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/19/2022 2:31:35 PM	67555
Surr: DNOP	51.7	51.1-141	%Rec	1	5/19/2022 2:31:35 PM	67555
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/12/2022 4:06:17 PM	67413
Surr: BFB	98.2	37.7-212	%Rec	1	5/12/2022 4:06:17 PM	67413
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/12/2022 4:06:17 PM	67413
Toluene	ND	0.049	mg/Kg	1	5/12/2022 4:06:17 PM	67413
Ethylbenzene	ND	0.049	mg/Kg	1	5/12/2022 4:06:17 PM	67413
Xylenes, Total	ND	0.098	mg/Kg	1	5/12/2022 4:06:17 PM	67413
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	5/12/2022 4:06:17 PM	67413

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

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Hall Environmental Analysis Laboratory, Inc.

2205491 25-May-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67438 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67438 RunNo: 87937

Prep Date: 5/12/2022 Analysis Date: 5/12/2022 SeqNo: 3118019 Units: mq/Kq

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

Chloride ND 1.5

Sample ID: LCS-67438 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67438 RunNo: 87937

Prep Date: 5/12/2022 Analysis Date: 5/12/2022 SeqNo: 3118020 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

Sample ID: MB-67451 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67451 RunNo: 87973

Prep Date: 5/13/2022 Analysis Date: 5/13/2022 SeqNo: 3120035 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67451 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67451 RunNo: 87973

Prep Date: 5/13/2022 Analysis Date: 5/13/2022 SeqNo: 3120036 Units: mg/Kg

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

Chloride 15 1.5 15.00 0 97.5 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205491**

25-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID:	MD 67420	SampTy	ma. N/F	DI 1/	Taa	tCodo: EF	A Matha-l	001EM/D. D:-	cal Danse	Organica	
Client ID:			•					8015M/D: Die	sei kange	organics	
	PBS		ID: 67			RunNo: 87		Linita: ma:///	· 		
Prep Date:	5/11/2022	Analysis Da	ite: 5/	12/2022	`	SeqNo: 31	119160	Units: mg/K	.g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
•	Organics (DRO)	ND	10								
Motor Oil Rang Surr: DNOP	ge Organics (MRO)	ND 9.6	50	10.00		96.4	51.1	141			
Sull. DINOP		9.0		10.00		96.4	51.1	141			
Sample ID:	LCS-67420	SampTy	pe: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batch	ID: 67	420	F	RunNo: 87	7994				
Prep Date:	5/11/2022	Analysis Da	ate: 5/	12/2022	Ç	SeqNo: 31	119161	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Organics (DRO)	45	10	50.00	0	90.6	68.9	135	/o(() D	TA DEITH	Qual
Surr: DNOP	(= : : =)	4.5		5.000	-	89.1	51.1	141			
0 1 10						.0					
•	2205491-003AMS	SampTy	•					8015M/D: Die	sel Range	Organics	
Client ID:	BH-14	Batch	ID: 67	420	F	RunNo: 87	7994				
Prep Date:	5/11/2022	Analysis Da	ate: 5/	12/2022	,	SeqNo: 31	119165	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	46	9.8	48.88	0	93.5	36.1	154			
Surr: DNOP		3.2		4.888		65.1	51.1	141			
Sample ID:	2205491-003AMSD	SampTy	ре: М .	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	BH-14	Batch	ID: 67	420	F	RunNo: 87	7994				
Prep Date:	5/11/2022	Analysis Da	ate: 5/	12/2022	,	SeqNo: 31	119166	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Organics (DRO)	40	9.1	45.75	0	88.1	36.1	154	12.5	33.9	Qual
Surr: DNOP		2.6		4.575		55.9	51.1	141	0	0	
0	MD 07555	0			-	40 a d a ===		00451475 - 5:			
Sample ID:		SampTy	•					8015M/D: Die	sel Range	Organics	
Client ID:	PBS		ID: 67			RunNo: 88	-				
Prep Date:	5/18/2022	Analysis Da	ate: 5/	19/2022	;	SeqNo: 31	126723	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	ND	10								
Siddol i taligo t											

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

8.4

B Analyte detected in the associated Method Blank

84.3

51.1

141

E Estimated value

10.00

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

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Hall Environmental Analysis Laboratory, Inc.

2205491 25-May-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: LCS-67555 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 67555 RunNo: 88197 Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3126724 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Diesel Range Organics (DRO) 49 10 50.00 0 97.6 64.4 127 Surr: DNOP 4.1 5.000 81.6 51.1 141

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205491 25-May-22**

Client: GHD Midland

Sample ID: 2205491-001ams

Project: Gissler AV Tank Battery

Sample ID: mb-67413 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS Batch ID: 67413 RunNo: 87958

Prep Date: 5/11/2022 Analysis Date: 5/12/2022 SegNo: 3117705 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 37.7 212

Sample ID: Ics-67413 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 67413 RunNo: 87958

Prep Date: 5/11/2022 Analysis Date: 5/12/2022 SeqNo: 3117706 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 72.3 137

TestCode: EPA Method 8015D: Gasoline Range

 Surr: BFB
 2000
 1000
 198
 37.7
 212

Client ID: **BH-12** Batch ID: **67413** RunNo: **87958**

SampType: MS

Prep Date: 5/11/2022 Analysis Date: 5/12/2022 SeqNo: 3117708 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual Gasoline Range Organics (GRO) 28 4.9 24.68 0 112 70 130 Surr: BFB S 2200 987.2 219 37.7 212

Sample ID: 2205491-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: BH-12 Batch ID: 67413 RunNo: 87958

Prep Date: 5/11/2022 Analysis Date: 5/12/2022 SeqNo: 3117709 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 4.8 23.76 106 70 130 9.46 20 Surr: BFB 2000 950.6 212 37.7 212 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 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205491**

25-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67413	Samp ⁻	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: PBS	113	F	RunNo: 8	7958						
Prep Date: 5/11/2022	Analysis [Date: 5/ *	12/2022	(SeqNo: 3	117742	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	0.92		1 000		92.0	70	130			

Sample ID: LCS-67413	Samp	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	n ID: 67 4	113	F	RunNo: 87	7958				
Prep Date: 5/11/2022	Analysis [Date: 5/	12/2022	5	SeqNo: 3	117743	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	83.9	80	120			
Toluene	0.90	0.050	1.000	0	89.6	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.7	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		97.4	70	130			

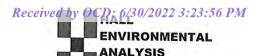
Sample ID: 2205491-002ams	Samp	Type: MS	3	Tes	8021B: Volati	les				
Client ID: BH-13	Batcl	h ID: 67 4	113	F	RunNo: 87	7958				
Prep Date: 5/11/2022	Analysis [Date: 5/ 1	12/2022	5	SeqNo: 31	117746	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	0.9814	0	97.6	68.8	120			
Toluene	1.0	0.049	0.9814	0.01351	104	73.6	124			
Ethylbenzene	1.1	0.049	0.9814	0	109	72.7	129			
Xylenes, Total	3.2	0.098	2.944	0.01854	107	75.7	126			
Surr: 4-Bromofluorobenzene	0.95		0.9814		97.3	70	130			

Sample ID: 2205491-002amsd	SampT	ampType: MSD TestCode: EPA Method 8						les						
Client ID: BH-13	Batcl	n ID: 674	13	F	RunNo: 87	7958								
Prep Date: 5/11/2022	Analysis D	Date: 5/ 1	12/2022	5	SeqNo: 31	117747	Units: mg/K	g		Qual				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene	0.93	0.025	0.9823	0	94.3	68.8	120	3.42	20					
Toluene	0.99	0.049	0.9823	0.01351	99.6	73.6	124	4.16	20					
Ethylbenzene	1.0	0.049	0.9823	0	104	72.7	129	4.28	20					
Xylenes, Total	3.1	0.098	2.947	0.01854	104	75.7	126	2.85	20					
Surr: 4-Bromofluorobenzene	0.97		0.9823		98.6	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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LABORATORY

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

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: GH	D Midland	Work Order Nur	nber: 2205491		RcptNo: 1	
Received By: Ju	an Rojas	5/11/2022 7:15:00	АМ	Guaren &		
0	esiree Dominguez	5/11/2022 8:36:57 5/11/22	AM	Harring Do		
Chain of Custod	v					
1. Is Chain of Custoo			Yes 🗸	No 🗌	Not Present	
2. How was the samp	ole delivered?		Courier		THE TOTAL CONTRACT OF	
Login						
Log In 3. Was an attempt m	ade to cool the samp	les?	Yes 🗸	No 🗌	NA 🗆	
4. Were all samples r	eceived at a tempera	ture of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗆	
5. Sample(s) in prope	er container(s)?		Yes 🗸	No 🗌		
6. Sufficient sample v	olume for indicated te	est(s)?	Yes 🗸	No 🗌		
7. Are samples (except	ot VOA and ONG) pro	operly preserved?	Yes 🗸	No 🗌		
8. Was preservative a	dded to bottles?		Yes	No 🔽	NA 🗌	
9. Received at least 1	vial with headspace	<1/4" for AQ VOA?	Yes	No 🗌	NA 🗹	
10, Were any sample o	containers received b	roken?	Yes	No 🗹	De de contra de la contra del la contra de la contra del la contra de la contra de la contra del la contra del la contra de la contra del la contra del la contra de la contra del la	
11. Does paperwork ma	atch bottle labels?		Yes 🗹	No 🗆	# of preserved bottles checked for pH:	
12. Are matrices correc			Yes 🗸	No 🗔	(<2 or >12 unles	ss noted)
13. Is it clear what anal		The first transfer of the second seco	Yes 🗸	No 🗌	riajuotou	- 1
14. Were all holding tim	es able to be met?		Yes 🗸	No 🗆	Checked by: JN 5	11/2 2
Special Handling (
15. Was client notified		vith this order?	Yes	No 🗌	NA 🗸	
Person Notifie	ed:	Date				
By Whom:		Via:		Phone Fax	☐ In Person	
Regarding:						
Client Instruct						
16. Additional remarks						
	n mp °C Condition	Seal Intact Seal No	Seal Date	Signed By		
1 1.4	Good					

Client:	GHD			☐ Standard	M Rush	. 5-R.		1		MALL	ANAL ENVI	AT U		ENVIRONMEN I AL	1
				S CIGINES		120								A BOKALOK	1
				Project Name		0			*	www.hallenvironmental.com	enviro	nment	Com		
Mailing	Mailing Address:			Gisler	Av - 721	RAN	4	4901 Hawkins NE	awkins	NE -	Albuq	nerqu	Albuquerque, NM 87109	87109	
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Phone #:	#:	(505)377-4218	7-4218	12563391	185					A	Analysis	s Req	Request		1 = 1
email or Fax#:	r Fax#:	Becky.H.	Becky.Haskell@ghd.com	Project Manager:	ager:			10			[⊅] O		(tn		
QA/QC I	QA/QC Package:			Becky Haskell	75				21/	0"	S '*(əsq		
□ Standard	dard		☐ Level 4 (Full Validation)	Tom Larson				100	1150	ucc	ОЬ		A\tr		
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	☐ EDD (Type)			# of Coolers:									_		
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Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL NO.	BTEX /	.08:H9T 59 1808	EDB (W	РАНs b	85e0 (∧ Cl' E' B	S) 0728	Total Co Chloride		
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Date:	Time:	Relinquished by:	led by:	Received by:	Via:	Date Time	R.	Remarks: Please email: Chase Tom.Larson@ghd.com; Z	: Pleas	se ema	il: Cha d.com		ttle@e .Comir	arks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com	com;
Pate:	Time:	Relinquished by:	L Courts 11113	Received by:	Via:	Date Time	_	Ambe	r Griffi	Matthew.Laughlin@ghd.com;	w.Lau	yhlin@	ghd.cc	Matthew.Laughlin@ghd.com;	2
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 19, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Tank Battery OrderNo.: 2205565

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/12/2022 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

Lab Order 2205565

Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/19/2022

CLIENT: GHD Midland Client Sample ID: SW-13

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/10/2022 1:00:00 PM

 Lab ID:
 2205565-001
 Matrix: SOIL
 Received Date: 5/12/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	990	61	mg/Kg	20	5/16/2022 5:30:09 PM	67476
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ED
Diesel Range Organics (DRO)	150	9.9	mg/Kg	1	5/16/2022 11:37:43 AM	67445
Motor Oil Range Organics (MRO)	200	50	mg/Kg	1	5/16/2022 11:37:43 AM	67445
Surr: DNOP	58.4	51.1-141	%Rec	1	5/16/2022 11:37:43 AM	67445
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/13/2022 5:19:29 PM	67437
Surr: BFB	99.5	37.7-212	%Rec	1	5/13/2022 5:19:29 PM	67437
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/13/2022 5:19:29 PM	67437
Toluene	ND	0.050	mg/Kg	1	5/13/2022 5:19:29 PM	67437
Ethylbenzene	ND	0.050	mg/Kg	1	5/13/2022 5:19:29 PM	67437
Xylenes, Total	ND	0.099	mg/Kg	1	5/13/2022 5:19:29 PM	67437
Surr: 4-Bromofluorobenzene	94.5	70-130	%Rec	1	5/13/2022 5:19:29 PM	67437

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

Lab Order **2205565**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/19/2022

CLIENT: GHD Midland Client Sample ID: SW-14

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/10/2022 1:30:00 PM

 Lab ID:
 2205565-002
 Matrix: SOIL
 Received Date: 5/12/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	1600	60	mg/Kg	20	5/16/2022 5:42:34 PM	67476
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ED
Diesel Range Organics (DRO)	48	9.6	mg/Kg	1	5/16/2022 12:25:16 PM	67445
Motor Oil Range Organics (MRO)	56	48	mg/Kg	1	5/16/2022 12:25:16 PM	67445
Surr: DNOP	84.1	51.1-141	%Rec	1	5/16/2022 12:25:16 PM	67445
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/13/2022 5:42:56 PM	67437
Surr: BFB	106	37.7-212	%Rec	1	5/13/2022 5:42:56 PM	67437
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/13/2022 5:42:56 PM	67437
Toluene	ND	0.049	mg/Kg	1	5/13/2022 5:42:56 PM	67437
Ethylbenzene	ND	0.049	mg/Kg	1	5/13/2022 5:42:56 PM	67437
Xylenes, Total	ND	0.098	mg/Kg	1	5/13/2022 5:42:56 PM	67437
Surr: 4-Bromofluorobenzene	97.1	70-130	%Rec	1	5/13/2022 5:42:56 PM	67437

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 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205565**

19-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67476 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67476 RunNo: 88022

Prep Date: 5/16/2022 Analysis Date: 5/16/2022 SeqNo: 3121392 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67476 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67476 RunNo: 88022

Prep Date: 5/16/2022 Analysis Date: 5/16/2022 SeqNo: 3121394 Units: mg/Kg

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

Chloride 15 1.5 15.00 0 97.2 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 3 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205565**

19-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67437 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 67437 RunNo: 87967

Prep Date: 5/12/2022 Analysis Date: 5/13/2022 SeqNo: 3119095 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 960 1000 96.3 37.7 212

Sample ID: Ics-67437 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 67437 RunNo: 87967

2100

Prep Date: 5/12/2022 Analysis Date: 5/13/2022 SeqNo: 3119096 Units: mg/Kg

1000

Qual Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** 72.3 Gasoline Range Organics (GRO) 26 5.0 25.00 0 104 137

210

37.7

212

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 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 4 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205565 19-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67437 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 67437 RunNo: 87967

Prep Date: 5/12/2022 Analysis Date: 5/13/2022 SeqNo: 3119121 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 96.5 70 130

Sample ID: LCS-67437 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 67437 RunNo: 87967

Prep Date: 5/12/2022 Analysis Date: 5/13/2022 SeqNo: 3119122 Units: mg/Kg

1 10p Bate. 3/12/2022	7 trialy 515 E	Julio. 3	13/2022	_	70q1 1 0. 3	113122	Onito. Ing/it	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	1.000	0	80.1	80	120			
Toluene	0.86	0.050	1.000	0	85.8	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.0	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.8	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.4	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
- 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 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Website: www.hallenvironmental.com Client Name: **GHD Midland** Work Order Number: 2205565 RcptNo: 1 Received By: Sean Livingston 5/12/2022 7:50:00 AM Completed By: Sean Livingston 5/12/2022 8:27:10 AM Reviewed By: Chain of Custody 1. Is Chain of Custody complete? Yes V No 🗌 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V No 🗌 NA 🗌 Were all samples received at a temperature of >0° C to 6.0°C No 🗌 Yes V NA 🗌 Sample(s) in proper container(s)? No 🗌 Yes V 6. Sufficient sample volume for indicated test(s)? Yes 🗸 No 🗌 7. Are samples (except VOA and ONG) properly preserved? No 🗌 Yes V 8. Was preservative added to bottles? Yes No V NA 🔲 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes | No I NA V 10. Were any sample containers received broken? Yes No V # of preserved bottles checked 11. Does paperwork match bottle labels? Yes V No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) 12. Are matrices correctly identified on Chain of Custody? Adjusted? Yes 🗸 No 🗌 13. Is it clear what analyses were requested? Yes V No 🗌 14. Were all holding times able to be met? Yes 🗸 Checked by: No 🗌 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V Person Notified: Date: By Whom: eMail Phone Fax In Person Via: Regarding: Client Instructions: 16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.9	Good			17. E30 OE 2512	gca 2,

2	מן כי	Of-C	Chain-of-Custody Record	Turn-Around	und Time:										Rec
Client: GHD	문		,	Standard	- 5	Rush S-0		П	HALL		N	IR	Z	ENVIRONMENTAL	eived
				Project Name	k					AL	7		3 0	AINALTSIS LABORATORY	
Mailing Address:	ddres	::			18/21/2	JIL RA	40	www.n	ww Kins A	, <u> </u>	nviron	www.nallenvironmental.com	COM.	2100	CD.
324 W. M	lain St	Suite 10	324 W. Main St. Suite 108, Artesia NM 88210	Project #:			1	Tel. 505	505-345-3975		Fax	505-345-4107	45-410	6017	0,50,
Phone #:		(505)377-4218	7-4218	2)	1856,3591					An	100,000,000	Request	set		
email or Fax#:	ax#:	Becky.H	Becky.Haskell@ghd.com	Project Manager:	anager:		_				to.	(7	(1		-
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Date	Time	Matrix	Sample Name	Container Type and #	Preservative Tvne	Ve HEAL No.	TEX /	94 180	M) 80 AHs b)	CRA 8	1, F, B 260 (Ve	es) 07 <u>9</u>	odal Co hloride		
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Date; Tin	Time:	Relinquished by: $\mathcal{U}\mathcal{U}\mathcal{U}\mathcal{U}$	and by:	Received by	Via:	Date Time	∢ .	mber_(Ma Sriffin@	tthew. geogre Hask	Laughl ssource ell liste	Matthew.Laughlin@ghd.com; in@eogresources.com: Along Haskell listed above.	id.com T. Alon ve.	Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.	Page 2
lf ne	scessary,	samples sub	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report	y be subcontracted to olf	ner accredited laborate	ories. This serves as notice of	this possibility.	Any sub-co	ontracted	data will	be clearly	notated	on the ar	ielytical report.	o oy se
															,,



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

May 25, 2022

Becky Haskell GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX:

RE: Gissler A Tank Battery OrderNo.: 2205627

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 7 sample(s) on 5/13/2022 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2205627

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-18

 Project:
 Gissler A Tank Battery
 Collection Date: 5/11/2022 10:10:00 AM

 Lab ID:
 2205627-001
 Matrix: SOIL
 Received Date: 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	1700	60	mg/Kg	20	5/17/2022 4:37:00 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: ED
Diesel Range Organics (DRO)	25	9.9	mg/Kg	1	5/17/2022 10:16:49 PM	67478
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/17/2022 10:16:49 PM	67478
Surr: DNOP	54.8	51.1-141	%Rec	1	5/17/2022 10:16:49 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/16/2022 2:23:42 PM	67457
Surr: BFB	96.9	37.7-212	%Rec	1	5/16/2022 2:23:42 PM	67457
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/16/2022 2:23:42 PM	67457
Toluene	ND	0.050	mg/Kg	1	5/16/2022 2:23:42 PM	67457
Ethylbenzene	ND	0.050	mg/Kg	1	5/16/2022 2:23:42 PM	67457
Xylenes, Total	ND	0.10	mg/Kg	1	5/16/2022 2:23:42 PM	67457
Surr: 4-Bromofluorobenzene	93.5	70-130	%Rec	1	5/16/2022 2:23:42 PM	67457

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 11

Lab Order 2205627

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-19

 Project:
 Gissler A Tank Battery
 Collection Date: 5/11/2022 10:30:00 AM

 Lab ID:
 2205627-002
 Matrix: SOIL
 Received Date: 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	820	60	mg/Kg	20	5/17/2022 4:49:24 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: ED
Diesel Range Organics (DRO)	68	10	mg/Kg	1	5/17/2022 11:18:00 PM	67478
Motor Oil Range Organics (MRO)	52	50	mg/Kg	1	5/17/2022 11:18:00 PM	67478
Surr: DNOP	60.5	51.1-141	%Rec	1	5/17/2022 11:18:00 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/16/2022 3:34:32 PM	67457
Surr: BFB	99.2	37.7-212	%Rec	1	5/16/2022 3:34:32 PM	67457
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/16/2022 3:34:32 PM	67457
Toluene	ND	0.049	mg/Kg	1	5/16/2022 3:34:32 PM	67457
Ethylbenzene	ND	0.049	mg/Kg	1	5/16/2022 3:34:32 PM	67457
Xylenes, Total	ND	0.097	mg/Kg	1	5/16/2022 3:34:32 PM	67457
Surr: 4-Bromofluorobenzene	92.1	70-130	%Rec	1	5/16/2022 3:34:32 PM	67457

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

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Lab Order 2205627

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-20

 Project:
 Gissler A Tank Battery
 Collection Date: 5/11/2022 10:45:00 AM

 Lab ID:
 2205627-003
 Matrix: SOIL
 Received Date: 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	230	60	mg/Kg	20	5/17/2022 5:01:48 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	5/17/2022 11:48:20 PM	67478
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/17/2022 11:48:20 PM	67478
Surr: DNOP	63.0	51.1-141	%Rec	1	5/17/2022 11:48:20 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/16/2022 3:58:06 PM	67457
Surr: BFB	98.0	37.7-212	%Rec	1	5/16/2022 3:58:06 PM	67457
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/16/2022 3:58:06 PM	67457
Toluene	ND	0.049	mg/Kg	1	5/16/2022 3:58:06 PM	67457
Ethylbenzene	ND	0.049	mg/Kg	1	5/16/2022 3:58:06 PM	67457
Xylenes, Total	ND	0.098	mg/Kg	1	5/16/2022 3:58:06 PM	67457
Surr: 4-Bromofluorobenzene	95.5	70-130	%Rec	1	5/16/2022 3:58:06 PM	67457

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

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Lab Order 2205627

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-21

 Project:
 Gissler A Tank Battery
 Collection Date: 5/11/2022 11:00:00 AM

 Lab ID:
 2205627-004
 Matrix: SOIL
 Received Date: 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	680	60	mg/Kg	20	5/17/2022 5:10:22 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	13	9.7	mg/Kg	1	5/20/2022 7:03:23 PM	67478
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/20/2022 7:03:23 PM	67478
Surr: DNOP	93.5	51.1-141	%Rec	1	5/20/2022 7:03:23 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/16/2022 4:21:43 PM	67457
Surr: BFB	97.4	37.7-212	%Rec	1	5/16/2022 4:21:43 PM	67457
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.023	mg/Kg	1	5/16/2022 4:21:43 PM	67457
Toluene	ND	0.047	mg/Kg	1	5/16/2022 4:21:43 PM	67457
Ethylbenzene	ND	0.047	mg/Kg	1	5/16/2022 4:21:43 PM	67457
Xylenes, Total	ND	0.094	mg/Kg	1	5/16/2022 4:21:43 PM	67457
Surr: 4-Bromofluorobenzene	94.1	70-130	%Rec	1	5/16/2022 4:21:43 PM	67457

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

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Lab Order 2205627

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-22

 Project:
 Gissler A Tank Battery
 Collection Date: 5/11/2022 11:15:00 AM

 Lab ID:
 2205627-005
 Matrix: SOIL
 Received Date: 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	440	60	mg/Kg	20	5/17/2022 5:47:37 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	5/20/2022 7:27:15 PM	67478
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/20/2022 7:27:15 PM	67478
Surr: DNOP	94.4	51.1-141	%Rec	1	5/20/2022 7:27:15 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/16/2022 4:45:18 PM	67457
Surr: BFB	98.5	37.7-212	%Rec	1	5/16/2022 4:45:18 PM	67457
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/16/2022 4:45:18 PM	67457
Toluene	ND	0.048	mg/Kg	1	5/16/2022 4:45:18 PM	67457
Ethylbenzene	ND	0.048	mg/Kg	1	5/16/2022 4:45:18 PM	67457
Xylenes, Total	ND	0.097	mg/Kg	1	5/16/2022 4:45:18 PM	67457
Surr: 4-Bromofluorobenzene	94.8	70-130	%Rec	1	5/16/2022 4:45:18 PM	67457

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

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Lab Order 2205627

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-23

 Project:
 Gissler A Tank Battery
 Collection Date: 5/11/2022 12:00:00 PM

 Lab ID:
 2205627-006
 Matrix: SOIL
 Received Date: 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	370	60	mg/Kg	20	5/17/2022 6:00:02 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/20/2022 7:51:05 PM	67478
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/20/2022 7:51:05 PM	67478
Surr: DNOP	91.5	51.1-141	%Rec	1	5/20/2022 7:51:05 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/16/2022 6:19:50 PM	67457
Surr: BFB	103	37.7-212	%Rec	1	5/16/2022 6:19:50 PM	67457
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/16/2022 6:19:50 PM	67457
Toluene	ND	0.050	mg/Kg	1	5/16/2022 6:19:50 PM	67457
Ethylbenzene	ND	0.050	mg/Kg	1	5/16/2022 6:19:50 PM	67457
Xylenes, Total	ND	0.099	mg/Kg	1	5/16/2022 6:19:50 PM	67457
Surr: 4-Bromofluorobenzene	98.0	70-130	%Rec	1	5/16/2022 6:19:50 PM	67457

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

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Lab Order 2205627

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-15

 Project:
 Gissler A Tank Battery
 Collection Date: 5/11/2022 12:20:00 PM

 Lab ID:
 2205627-007
 Matrix: SOIL
 Received Date: 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	: LRN	
Chloride	ND	60	mg/Kg	20	5/17/2022 6:12:27 PM	67520	
EPA METHOD 8015M/D: DIESEL RANGE ORG				Analyst: SB			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/20/2022 8:14:50 PM	67478	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/20/2022 8:14:50 PM	67478	
Surr: DNOP	76.6	51.1-141	%Rec	1	5/20/2022 8:14:50 PM	67478	
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/16/2022 6:43:22 PM	67457	
Surr: BFB	101	37.7-212	%Rec	1	5/16/2022 6:43:22 PM	67457	
EPA METHOD 8021B: VOLATILES					Analys	: NSB	
Benzene	ND	0.025	mg/Kg	1	5/16/2022 6:43:22 PM	67457	
Toluene	ND	0.050	mg/Kg	1	5/16/2022 6:43:22 PM	67457	
Ethylbenzene	ND	0.050	mg/Kg	1	5/16/2022 6:43:22 PM	67457	
Xylenes, Total	ND	0.10	mg/Kg	1	5/16/2022 6:43:22 PM	67457	
Surr: 4-Bromofluorobenzene	97.2	70-130	%Rec	1	5/16/2022 6:43:22 PM	67457	

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205627 25-May-22**

Client: GHD Midland

Project: Gissler A Tank Battery

Sample ID: MB-67520 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67520 RunNo: 88048

Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122279 Units: mq/Kg

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

Chloride ND 1.5

Sample ID: LCS-67520 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67520 RunNo: 88048

Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122280 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.3 90 110

Sample ID: MB-67510 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67510 RunNo: 88055

Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122338 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67510 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67510 RunNo: 88055

Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122339 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 96.4 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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

41

2.5

9.8

49.16

4.916

2205627 25-May-22

S

S

WO#:

Client: GHD Midland

Project: Gissler A Tank Battery

Sample ID: MB-67478	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 67478	RunNo: 88059						
Prep Date: 5/16/2022	Analysis Date: 5/17/2022	SeqNo: 3126729	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	5.3 10.00	52.6 51.1	141					
Sample ID: LCS-67478	SampType: LCS	e: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67478	RunNo: 88059						
Prep Date: 5/16/2022	Analysis Date: 5/17/2022	SeqNo: 3126730	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 79.6 64.4	127					
Surr: DNOP	2.8 5.000	55.7 51.1	141					
Sample ID: 2205627-001AMS	SampType: MS	SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: BH-18	Batch ID: 67478	RunNo: 88059						
Prep Date: 5/16/2022	Analysis Date: 5/17/2022	SeqNo: 3126731	Units: mg/Kg					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual					

Sample ID: 2205627-001AMSD	SampT	ype: M S	SD	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: BH-18	Batch ID: 67478			F	RunNo: 88059						
Prep Date: 5/16/2022	Analysis D	Date: 5/	17/2022	SeqNo: 3126733			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	43	9.9	49.50	25.03	36.7	36.1	154	5.01	33.9		
Surr: DNOP	2.3		4.950		47.2	51.1	141	0	0	S	

25.03

32.7

50.9

36.1

51.1

154

141

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

Diesel Range Organics (DRO)

Surr: DNOP

- 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

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Hall Environmental Analysis Laboratory, Inc.

2205627 25-May-22

WO#:

Client: GHD Midland

Project: Gissler A Tank Battery

Sample ID: mb-67457 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **67457** RunNo: **88023**

Prep Date: 5/13/2022 Analysis Date: 5/16/2022 SeqNo: 3120460 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 99.9 37.7 212

Sample ID: Ics-67457 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: LCSS Batch ID: 67457 RunNo: 88023

2100

Prep Date: 5/13/2022 Analysis Date: 5/16/2022 SeqNo: 3120528 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 72.3 137

206

37.7

212

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 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205627 25-May-22**

Client: GHD Midland

Project: Gissler A Tank Battery

Sample ID: mb-67457	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	h ID: 67 4	457	F	RunNo: 88	3023				
Prep Date: 5/13/2022	Analysis [Date: 5/	16/2022		SeqNo: 31	120505	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	0.95		1.000		95.3	70	130			

Sample ID: 2205627-001ams	SampT	ype: MS	;	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-18	Batch	n ID: 67 4	157	F	RunNo: 88	3023				
Prep Date: 5/13/2022	Analysis D	Date: 5/ 1	16/2022	5	SeqNo: 31	120508	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	0.9990	0	80.7	68.8	120			
Toluene	0.87	0.050	0.9990	0	86.8	73.6	124			
Ethylbenzene	0.89	0.050	0.9990	0	88.6	72.7	129			
Xylenes, Total	2.7	0.10	2.997	0	88.9	75.7	126			
Surr: 4-Bromofluorobenzene	0.97		0.9990		97.0	70	130			

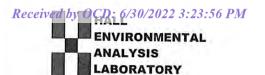
Sample ID: 2205627-001amsc	I Samp	Гуре: М S	SD .	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-18	Batc	h ID: 67 4	157	F	RunNo: 88	3023				
Prep Date: 5/13/2022	Analysis [Date: 5/	16/2022	SeqNo: 3120509 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.78	0.025	0.9921	0	78.6	68.8	120	3.28	20	
Toluene	0.84	0.050	0.9921	0	85.0	73.6	124	2.75	20	
Ethylbenzene	0.87	0.050	0.9921	0	87.7	72.7	129	1.72	20	
Xylenes, Total	2.6	0.099	2.976	0	88.4	75.7	126	1.24	20	
Surr: 4-Bromofluorobenzene	0.97		0.9921		97.5	70	130	0	0	

Sample ID: Ics-67457	Samp	ype: LC	s	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	n ID: 67 4	157	F	RunNo: 88	3033				
Prep Date: 5/13/2022	Analysis [Date: 5/ 1	17/2022	5	SeqNo: 31	121632	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	85.1	80	120	-	_	
Toluene	0.87	0.050	1.000	0	87.3	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.8	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.6	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.9	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 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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Client Name: GHD	Work Order Num	ber: 2205627	, .	RcptNo: 1	-
Received By: Juan Rojas	5/13/2022 7:15:00	АМ	Gleaning)	a l	
	5/13/2022 8:33:03				
Reviewed By: 71 5/13/22					
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗹	No 🗆	Not Present	
2. How was the sample delivered?		Courier			
Log In					
3. Was an attempt made to cool the samples?		Yes 🔽	No 🗌	NA 🗆	
4. Were all samples received at a temperature of	>0° 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 🗆		
Are samples (except VOA and ONG) properly p	preserved?	Yes 🗸	No 🗆		
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗆	
9. Received at least 1 vial with headspace <1/4" fo	or AQ VOA?	Yes	No 🗆	NA 🗹	
O. Were any sample containers received broken?		Yes	No 🔽	# of preserved	
Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗸	No 🗆	bottles checked for pH:	unless noted)
2. Are matrices correctly identified on Chain of Cu	stody?	Yes 🗸	No 🗌	Adjusted?	CARACTER EST
3. Is it clear what analyses were requested?		Yes 🗸	No 🗌	/	- 10
Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🔽	No 🗆	Checked by: KY	1 5.13
pecial Handling (if applicable)					
15. Was client notified of all discrepancies with this	order?	Yes 🗌	No 🗆	NA 🗹	
Person Notified:	Date:				
By Whom:	Via:	eMail	Phone Fax	In Person	
Regarding:			-0 (C.) 1968. (FA) 1. 20)		
Client Instructions:					
16. Additional remarks:					
7. Cooler Information					
	Intact Seal No	Seal Date	Signed By		
1 0.5 Good Yes					

Chain-of-(Chain-of-Custody Record	I urn-Around Time:	je:							1	(
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email or Fax#: Becky	Becky.Haskell@ghd.com	Project Manager:				(0		H	¢C	H	(1)		
QA/QC Package:		Becky Haskell						SI	S'		uəs		
□ Standard	☐ Level 4 (Full Validation)	Tom Larson						WIS	[†] Od		dA∖		
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100	134-21		0	P00				_		H			
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If necessary, samples	necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracte	ontracted to other accredi	ted laboratories. This	s serves as notice of this	possibility	/. Any st	ib-contra	cted data	will be c	early no	tated on	ect bill to EOG Chase Settle d data will be clearly notated on the analytical report	port.



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

May 25, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Tank Battery OrderNo.: 2205672

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 21 sample(s) on 5/14/2022 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-16

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 7:15:00 AM

Lab ID: 2205672-001 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	83	61	mg/Kg	20	5/17/2022 6:49:41 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/17/2022 3:54:37 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/17/2022 3:54:37 PM	67479
Surr: DNOP	80.4	51.1-141	%Rec	1	5/17/2022 3:54:37 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 1:22:37 AM	67462
Surr: BFB	92.5	37.7-212	%Rec	1	5/17/2022 1:22:37 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 1:22:37 AM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 1:22:37 AM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 1:22:37 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 1:22:37 AM	67462
Surr: 4-Bromofluorobenzene	90.7	70-130	%Rec	1	5/17/2022 1:22:37 AM	67462

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

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2205672-002

Surr: 4-Bromofluorobenzene

Lab ID:

Analytical Report

Lab Order 2205672

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/25/2022

Received Date: 5/14/2022 9:45:00 AM

CLIENT: GHD Midland Client Sample ID: SW-17

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 7:30:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 66 60 mg/Kg 20 5/17/2022 7:02:06 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/18/2022 11:34:04 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/18/2022 11:34:04 AM 67479 Surr: DNOP 76.2 51.1-141 %Rec 5/18/2022 11:34:04 AM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5/17/2022 2:32:51 AM 67462 5.0 mg/Kg Surr: BFB 97.0 37.7-212 %Rec 5/17/2022 2:32:51 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 5/17/2022 2:32:51 AM 67462 Benzene 0.025 mg/Kg Toluene ND 0.050 mg/Kg 5/17/2022 2:32:51 AM 67462 Ethylbenzene ND 0.050 mg/Kg 1 5/17/2022 2:32:51 AM 67462 Xylenes, Total ND 0.099 mg/Kg 5/17/2022 2:32:51 AM 67462

93.5

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
- 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

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67462

5/17/2022 2:32:51 AM

Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-18

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 7:45:00 AM

Lab ID: 2205672-003 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	140	60	mg/Kg	20	5/17/2022 7:14:30 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/18/2022 11:58:16 AM	67479
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/18/2022 11:58:16 AM	67479
Surr: DNOP	83.7	51.1-141	%Rec	1	5/18/2022 11:58:16 AM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Surr: BFB	96.7	37.7-212	%Rec	1	5/17/2022 2:56:12 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Surr: 4-Bromofluorobenzene	91.8	70-130	%Rec	1	5/17/2022 2:56:12 AM	67462

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

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2205672-004

Lab ID:

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Lab Order **2205672**

Received Date: 5/14/2022 9:45:00 AM

Date Reported: 5/25/2022

5/17/2022 3:19:48 AM

5/17/2022 3:19:48 AM

5/17/2022 3:19:48 AM

5/17/2022 3:19:48 AM

67462

67462

67462

67462

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-19

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 8:00:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 110 60 mg/Kg 20 5/17/2022 7:26:55 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.9 mg/Kg 5/18/2022 12:22:23 PM Motor Oil Range Organics (MRO) ND 67479 mg/Kg 1 5/18/2022 12:22:23 PM 50 Surr: DNOP 5/18/2022 12:22:23 PM 82.0 51.1-141 %Rec 67479

EPA METHOD 8015D: GASOLINE RANGE Analyst: NSB Gasoline Range Organics (GRO) ND 5/17/2022 3:19:48 AM 67462 4.9 mg/Kg Surr: BFB 96.1 37.7-212 %Rec 5/17/2022 3:19:48 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.025 5/17/2022 3:19:48 AM 67462 Benzene mg/Kg

0.049

0.049

0.098

70-130

mg/Kg

mg/Kg

mg/Kg

%Rec

1

ND

ND

ND

91.2

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

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Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-20

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 8:15:00 AM

Lab ID: 2205672-005 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	ND	60	mg/Kg	20	5/17/2022 7:39:20 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/18/2022 12:46:35 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 12:46:35 PM	67479
Surr: DNOP	81.8	51.1-141	%Rec	1	5/18/2022 12:46:35 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Surr: BFB	94.0	37.7-212	%Rec	1	5/17/2022 3:43:26 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Surr: 4-Bromofluorobenzene	91.6	70-130	%Rec	1	5/17/2022 3:43:26 AM	67462

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

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Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-21

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 8:20:00 AM

Lab ID: 2205672-006 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: LRN
Chloride	78	60	mg/Kg	20	5/17/2022 8:16:34 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/18/2022 1:10:50 PM	67479
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/18/2022 1:10:50 PM	67479
Surr: DNOP	77.8	51.1-141	%Rec	1	5/18/2022 1:10:50 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/17/2022 4:07:07 AM	67462
Surr: BFB	94.7	37.7-212	%Rec	1	5/17/2022 4:07:07 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.024	mg/Kg	1	5/17/2022 4:07:07 AM	67462
Toluene	ND	0.048	mg/Kg	1	5/17/2022 4:07:07 AM	67462
Ethylbenzene	ND	0.048	mg/Kg	1	5/17/2022 4:07:07 AM	67462
Xylenes, Total	ND	0.097	mg/Kg	1	5/17/2022 4:07:07 AM	67462
Surr: 4-Bromofluorobenzene	91.4	70-130	%Rec	1	5/17/2022 4:07:07 AM	67462

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

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Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-22

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 8:30:00 AM

Lab ID: 2205672-007 Matrix: SOIL Received Date: 5/14/2022 9:45:00 AM

Analyses Result RL Qual Units DF Date Analyzed

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	100	60	mg/Kg	20	5/17/2022 8:53:48 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/18/2022 1:35:01 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 1:35:01 PM	67479
Surr: DNOP	79.2	51.1-141	%Rec	1	5/18/2022 1:35:01 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Surr: BFB	96.0	37.7-212	%Rec	1	5/17/2022 4:30:47 AM	67462
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Surr: 4-Bromofluorobenzene	90.2	70-130	%Rec	1	5/17/2022 4:30:47 AM	67462

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

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Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-23

Project: Gissler AV Tank Battery **Collection Date:** 5/12/2022 8:45:00 AM

Lab ID: 2205672-008 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	200	60	mg/Kg	20	5/17/2022 9:06:13 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/18/2022 6:03:27 PM	67479
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/18/2022 6:03:27 PM	67479
Surr: DNOP	78.9	51.1-141	%Rec	1	5/18/2022 6:03:27 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 4:39:00 AM	67462
Surr: BFB	91.0	37.7-212	%Rec	1	5/17/2022 4:39:00 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 4:39:00 AM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 4:39:00 AM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 4:39:00 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 4:39:00 AM	67462
Surr: 4-Bromofluorobenzene	93.9	70-130	%Rec	1	5/17/2022 4:39:00 AM	67462

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

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Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-24

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 9:00:00 AM

 Lab ID:
 2205672-009
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 110 60 mg/Kg 20 5/17/2022 9:18:38 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/18/2022 6:27:39 PM 67479 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/18/2022 6:27:39 PM 67479 Surr: DNOP 74.0 51.1-141 %Rec 5/18/2022 6:27:39 PM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/17/2022 4:59:00 AM 67462 4.9 mg/Kg Surr: BFB 94.6 37.7-212 %Rec 5/17/2022 4:59:00 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.025 5/17/2022 4:59:00 AM 67462 Benzene mg/Kg Toluene ND 0.049 mg/Kg 5/17/2022 4:59:00 AM 67462 Ethylbenzene ND 0.049 mg/Kg 1 5/17/2022 4:59:00 AM 67462 Xylenes, Total ND 0.098 mg/Kg 5/17/2022 4:59:00 AM 67462 Surr: 4-Bromofluorobenzene 70-130 67462 93.6 %Rec 5/17/2022 4:59:00 AM

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

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Lab Order **2205672**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: BH-24

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 9:15:00 AM

 Lab ID:
 2205672-010
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 410 60 mg/Kg 20 5/17/2022 9:31:02 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.8 mg/Kg 5/18/2022 6:51:51 PM 67479 Motor Oil Range Organics (MRO) 110 49 mg/Kg 1 5/18/2022 6:51:51 PM 67479 Surr: DNOP 89.2 51.1-141 %Rec 5/18/2022 6:51:51 PM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/17/2022 5:19:00 AM 67462 5.0 mg/Kg Surr: BFB 90.3 37.7-212 %Rec 5/17/2022 5:19:00 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 5/17/2022 5:19:00 AM 67462 0.025 mg/Kg Toluene ND 0.050 mg/Kg 5/17/2022 5:19:00 AM 67462 Ethylbenzene ND 0.050 mg/Kg 1 5/17/2022 5:19:00 AM 67462 Xylenes, Total ND 0.099 mg/Kg 5/17/2022 5:19:00 AM 67462 Surr: 4-Bromofluorobenzene 70-130 67462 91.6 %Rec 5/17/2022 5:19:00 AM

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

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Lab Order 2205672

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: BH-25

Project: Gissler AV Tank Battery **Collection Date:** 5/12/2022 9:30:00 AM

Lab ID: 2205672-011 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: CAS
Chloride	5700	300	mg/Kg	100	5/18/2022 11:41:11 AM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	240	48	mg/Kg	5	5/19/2022 4:56:31 PM	67479
Motor Oil Range Organics (MRO)	260	240	mg/Kg	5	5/19/2022 4:56:31 PM	67479
Surr: DNOP	89.0	51.1-141	%Rec	5	5/19/2022 4:56:31 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 5:38:00 AM	67462
Surr: BFB	90.4	37.7-212	%Rec	1	5/17/2022 5:38:00 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 5:38:00 AM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 5:38:00 AM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 5:38:00 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 5:38:00 AM	67462
Surr: 4-Bromofluorobenzene	88.2	70-130	%Rec	1	5/17/2022 5:38:00 AM	67462

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

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Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-26

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 9:45:00 AM

 Lab ID:
 2205672-012
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 860 60 mg/Kg 20 5/17/2022 9:55:51 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/18/2022 7:40:09 PM 67479 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/18/2022 7:40:09 PM 67479 49 Surr: DNOP 5/18/2022 7:40:09 PM 90.3 51.1-141 %Rec 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/17/2022 5:58:00 AM 67462 4.8 mg/Kg Surr: BFB 89.5 37.7-212 %Rec 5/17/2022 5:58:00 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/17/2022 5:58:00 AM 67462 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/17/2022 5:58:00 AM 67462 Ethylbenzene ND 0.048 mg/Kg 1 5/17/2022 5:58:00 AM 67462 Xylenes, Total ND 0.097 mg/Kg 5/17/2022 5:58:00 AM 67462 Surr: 4-Bromofluorobenzene 70-130 67462 89.8 %Rec 5/17/2022 5:58:00 AM

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

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Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-27

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:00:00 AM

 Lab ID:
 2205672-013
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: LRN
Chloride	1900	61	mg/Kg	20	5/17/2022 10:08:16 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/18/2022 8:04:17 PM	67479
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/18/2022 8:04:17 PM	67479
Surr: DNOP	131	51.1-141	%Rec	1	5/18/2022 8:04:17 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Surr: BFB	88.7	37.7-212	%Rec	1	5/17/2022 2:24:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Surr: 4-Bromofluorobenzene	89.5	70-130	%Rec	1	5/17/2022 2:24:00 PM	67462

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

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Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-28

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:15:00 AM

 Lab ID:
 2205672-014
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: CAS
Chloride	3000	150		mg/Kg	50	5/18/2022 11:53:32 AM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORGAN						Analyst	: SB
Diesel Range Organics (DRO)	2800	97		mg/Kg	10	5/18/2022 8:28:23 PM	67479
Motor Oil Range Organics (MRO)	1600	480		mg/Kg	10	5/18/2022 8:28:23 PM	67479
Surr: DNOP	0	51.1-141	S	%Rec	10	5/18/2022 8:28:23 PM	67479
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Surr: BFB	91.3	37.7-212		%Rec	5	5/17/2022 2:44:00 PM	67462
EPA METHOD 8021B: VOLATILES						Analyst	: BRM
Benzene	ND	0.12		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Toluene	ND	0.24		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Ethylbenzene	ND	0.24		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Xylenes, Total	ND	0.49		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	5	5/17/2022 2:44:00 PM	67462

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

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Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-29

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:30:00 AM

 Lab ID:
 2205672-015
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: CAS
Chloride	3100	150	mg/Kg	50	5/18/2022 12:05:53 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE OR	RGANICS				Analys	t: SB
Diesel Range Organics (DRO)	240	49	mg/Kg	5	5/19/2022 4:09:00 PM	67479
Motor Oil Range Organics (MRO)	380	240	mg/Kg	5	5/19/2022 4:09:00 PM	67479
Surr: DNOP	86.4	51.1-141	%Rec	5	5/19/2022 4:09:00 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/17/2022 3:03:00 PM	67462
Surr: BFB	83.4	37.7-212	%Rec	1	5/17/2022 3:03:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/17/2022 3:03:00 PM	67462
Toluene	ND	0.048	mg/Kg	1	5/17/2022 3:03:00 PM	67462
Ethylbenzene	ND	0.048	mg/Kg	1	5/17/2022 3:03:00 PM	67462
Xylenes, Total	ND	0.097	mg/Kg	1	5/17/2022 3:03:00 PM	67462
Surr: 4-Bromofluorobenzene	85.1	70-130	%Rec	1	5/17/2022 3:03:00 PM	67462

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

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Lab Order **2205672**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: BH-30

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:45:00 AM

 Lab ID:
 2205672-016
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	2100	150	mg/Kg	50	5/19/2022 12:55:57 PM	67539
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	21	9.6	mg/Kg	1	5/18/2022 10:05:28 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 10:05:28 PM	67479
Surr: DNOP	109	51.1-141	%Rec	1	5/18/2022 10:05:28 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/17/2022 3:23:00 PM	67462
Surr: BFB	84.6	37.7-212	%Rec	1	5/17/2022 3:23:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/17/2022 3:23:00 PM	67462
Toluene	ND	0.048	mg/Kg	1	5/17/2022 3:23:00 PM	67462
Ethylbenzene	ND	0.048	mg/Kg	1	5/17/2022 3:23:00 PM	67462
Xylenes, Total	ND	0.097	mg/Kg	1	5/17/2022 3:23:00 PM	67462
Surr: 4-Bromofluorobenzene	86.1	70-130	%Rec	1	5/17/2022 3:23:00 PM	67462

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

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Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-31

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 11:00:00 AM

 Lab ID:
 2205672-017
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: CAS
Chloride	1800	59	mg/Kg	20	5/18/2022 6:16:17 PM	67539
EPA METHOD 8015M/D: DIESEL RANGE ORGANIC					Analys	:: SB
Diesel Range Organics (DRO)	26	9.6	mg/Kg	1	5/18/2022 10:30:00 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 10:30:00 PM	67479
Surr: DNOP	89.6	51.1-141	%Rec	1	5/18/2022 10:30:00 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Surr: BFB	86.5	37.7-212	%Rec	1	5/17/2022 3:43:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Xylenes, Total	ND	0.10	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Surr: 4-Bromofluorobenzene	88.3	70-130	%Rec	1	5/17/2022 3:43:00 PM	67462

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

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Lab Order **2205672**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: BH-32

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 12:00:00 PM

 Lab ID:
 2205672-018
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CAS
Chloride	1400	60	mg/Kg	20	5/18/2022 6:28:37 PM	67539
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/18/2022 11:18:46 PM	67479
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/18/2022 11:18:46 PM	67479
Surr: DNOP	97.1	51.1-141	%Rec	1	5/18/2022 11:18:46 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Surr: BFB	89.3	37.7-212	%Rec	1	5/17/2022 4:03:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	5/17/2022 4:03:00 PM	67462

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

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Lab Order **2205672**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: BH-33

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 12:15:00 PM

 Lab ID:
 2205672-019
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	3000	150	mg/Kg	50	5/19/2022 1:08:22 PM	67539
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	98	9.7	mg/Kg	1	5/18/2022 11:43:19 PM	67479
Motor Oil Range Organics (MRO)	110	49	mg/Kg	1	5/18/2022 11:43:19 PM	67479
Surr: DNOP	51.2	51.1-141	%Rec	1	5/18/2022 11:43:19 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Surr: BFB	93.3	37.7-212	%Rec	1	5/17/2022 8:01:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Xylenes, Total	ND	0.097	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Surr: 4-Bromofluorobenzene	93.1	70-130	%Rec	1	5/17/2022 8:01:00 PM	67462

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

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Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-25

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/13/2022 7:00:00 AM

 Lab ID:
 2205672-020
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride 73 60 mg/Kg 20 5/19/2022 7:57:19 PM 67579 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/20/2022 9:26:22 PM 67478 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/20/2022 9:26:22 PM 67478 49 Surr: DNOP 85.4 51.1-141 %Rec 5/20/2022 9:26:22 PM 67478 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/17/2022 4:23:00 PM Gasoline Range Organics (GRO) ND 67463 5.0 mg/Kg Surr: BFB 95.8 37.7-212 %Rec 5/17/2022 4:23:00 PM 67463 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.025 5/17/2022 4:23:00 PM 67463 mg/Kg Toluene ND 0.050 mg/Kg 5/17/2022 4:23:00 PM 67463 Ethylbenzene ND 0.050 mg/Kg 1 5/17/2022 4:23:00 PM 67463 Xylenes, Total ND 0.10 mg/Kg 5/17/2022 4:23:00 PM 67463 Surr: 4-Bromofluorobenzene 70-130 93.9 %Rec 5/17/2022 4:23:00 PM 67463

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

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Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-26

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/13/2022 7:15:00 AM

 Lab ID:
 2205672-021
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	110	60	mg/Kg	20	5/19/2022 8:09:40 PM	67579
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	110	9.9	mg/Kg	1	5/20/2022 6:15:36 PM	67478
Motor Oil Range Organics (MRO)	280	50	mg/Kg	1	5/20/2022 6:15:36 PM	67478
Surr: DNOP	94.9	51.1-141	%Rec	1	5/20/2022 6:15:36 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Surr: BFB	89.2	37.7-212	%Rec	1	5/17/2022 5:22:00 PM	67463
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Toluene	ND	0.049	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Surr: 4-Bromofluorobenzene	91.5	70-130	%Rec	1	5/17/2022 5:22:00 PM	67463

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672 25-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67520 SampType: mblk TestCode: EPA Method 300.0: Anions
Client ID: PBS Batch ID: 67520 RunNo: 88048

Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122279 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67520 TestCode: EPA Method 300.0: Anions SampType: Ics Client ID: LCSS Batch ID: 67520 RunNo: 88048 Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122280 Units: mg/Kg **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

Chloride 14 1.5 15.00 0 92.3 90 110

Sample ID: MB-67539 SampType: mblk TestCode: EPA Method 300.0: Anions
Client ID: PBS Batch ID: 67539 RunNo: 88117

Prep Date: 5/18/2022 Analysis Date: 5/18/2022 SegNo: 3123927 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67539 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67539 RunNo: 88117

Prep Date: 5/18/2022 Analysis Date: 5/18/2022 SeqNo: 3123928 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 95.0 90 110

Sample ID: MB-67579 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **67579** RunNo: **88138**

Prep Date: 5/19/2022 Analysis Date: 5/19/2022 SeqNo: 3125317 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67579 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67579 RunNo: 88138

Prep Date: 5/19/2022 Analysis Date: 5/19/2022 SeqNo: 3125318 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 96.5 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672 25-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67479	SampTy	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics			
Client ID: PBS	Batch	ID: 67 4	179	F	RunNo: 88	3196						
Prep Date: 5/16/2022	Analysis Da	ate: 5/	17/2022	5	SeqNo: 31	126699	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	8.1		10.00		81.0	51.1	141					
Sample ID: 2205672-001AMS	SampTy	ype: MS	1	Tes	tCode: EF	PA Method	l 8015M/D: Diesel Range Organics					
Client ID: SW-16	Batch	ID: 67 4	179	F	RunNo: 88	3196						
Prep Date: 5/16/2022	Analysis Da	ate: 5/	17/2022	5	SeqNo: 31	126701	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	48	9.8	49.02	0	97.4	36.1	154					
Surr: DNOP	3.7		4.902		74.9	51.1	141					
Sample ID: 2205672-001AMSD	SampTy	ype: MS	SD.	TestCode: EPA Method 8015M/D: Diesel F								
Client ID: SW-16	Batch	ID: 67 4	179	F	RunNo: 88	3196						
Prep Date: 5/16/2022	Analysis Da	ate: 5/	17/2022	5	SeqNo: 31	126702	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	44	9.3	46.64	0	93.5	36.1	154	9.13	33.9			
Surr: DNOP	3.4		4.664		73.3	51.1	141	0	0			
Sample ID: LCS-67479	SampTy	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics			
Client ID: LCSS	Batch	ID: 67 4	179	F	RunNo: 88	3196						
Prep Date: 5/16/2022	Analysis Da	ate: 5/	17/2022	S	SeqNo: 31	126703	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	48	10	50.00	0	96.6	64.4	127					
Surr: DNOP	3.7		5.000		74.0	51.1	141					
Sample ID: MB-67478	SampTy	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics			
Client ID: PBS	Batch	ID: 67 4	178	F	RunNo: 88	3059						
Prep Date: 5/16/2022	Analysis Da	ate: 5/	17/2022	9	SeqNo: 31	126729	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		

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

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

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

ND

ND

5.3

10

50

10.00

B Analyte detected in the associated Method Blank

52.6

51.1

141

- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

2205672 25-May-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: LCS-67478 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 67478 RunNo: 88059

Prep Date: 5/16/2022 Analysis Date: 5/17/2022 SeqNo: 3126730 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
 79.6
 64.4
 127

 Surr: DNOP
 2.8
 5.000
 55.7
 51.1
 141

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 Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672**

25-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Surr: BFB 1900 1000 189 37.7 212 Sample ID: mb-67463 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 67463 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3121610 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) Surr: BFB 860 1000 85.6 37.7 212 Sample ID: 2205672-020ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: Gasoline Range Client ID: SW-25 Batch ID: 67463 RunNo: 88053 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit LowLimit HighLimit %RPD RPDLimit	TestCode: EPA Method 8015D: Gasoline Rang	Sample ID: mb-67462 SampType: MBLK
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 970 1000 96.8 37.7 212 Sample ID: Ics-67462 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 67462 RunNo: 88023 Prep Date: \$/14/2022 Analysis Date: 5/16/2022 SeqNo: 3120484 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.8 72.3 137 Sum: BFB 2000 1000 2003 37.7 212 Sample ID: Ics-67463 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.8 72.3 137 Sum: BFB 2000 1000 2003 37.7 212 Sample ID: Ics-67463 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.8 72.3 137 Sample ID: Ics-67463 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Organics (GRO) 8 Batch ID: 67463 RunNo: 88053 Prep Date: \$/14/2022 Analysis Date: 5/17/2022 SeqNo: 3121609 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 25 5.0 25.00 0 1101 72.3 137 Sum: BFB 1900 1900 1900 189 37.7 212 Sample ID: mb-67463 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Organics (GRO) 8 Batch ID: 67463 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3121610 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 8 85.6 37.7 212 Sample ID: 205672-020ams SampType: MS	RunNo: 88023	Client ID: PBS Batch ID: 67462
Sample ID: Ics-67462 SampType: LCS Batch D: 67462 SampType: S	SeqNo: 3120483 Units: mg/Kg	Prep Date: 5/14/2022 Analysis Date: 5/17/2022
Sum: BFB 970 1000 96.8 37.7 212 Sample ID: Ics-67462 Sample ID: Ics-67462 Sample ID: Ics-67462 Sample ID: Ics-67462 Sample ID: Ics-67463 <	K Ref Val %REC LowLimit HighLimit %RPD	Analyte Result PQL SPK value
Client ID: LCSS Batch ID: 67462 RunNo: 88023 RunNo: 5/14/2022 SeqNo: 3/12/484 Units: mg/Kg	96.8 37.7 212	
Prep Date: 5/14/2022 Analysis Date: 5/16/2022 SeqNo: 3120484 Units: mg/Kg Analyte Result PQL SPK value SPK ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.8 72.3 137 Surr: BFB 2000 1000 97.8 72.3 137 Sample ID: Ics-67463 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 67463 SampType: LCS SeqNo: 3121609 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Republine Range PRDLimit	TestCode: EPA Method 8015D: Gasoline Rane	Sample ID: Ics-67462 SampType: LCS
Analyte Result Gasoline Range Organics (GRO) 24 5.0 25.00 5.00 25.00 25.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 37.7 212 20.00 20.00 20.00 37.7 212 20.00 20.00 37.7 212 20.00 20.00 20.00 37.7 212 20.00 2	RunNo: 88023	Client ID: LCSS Batch ID: 67462
Sample ID: Ics-67463 SampType: LCS Batch ID: 67463 SampType: MBLK Spk Ref Val Spk Ref Val	SeqNo: 3120484 Units: mg/Kg	Prep Date: 5/14/2022 Analysis Date: 5/16/2022
Samp BFB 2000 1000 200 1000 200 1000 200 37.7 212 Sample ID: Ics-67463 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 67463 SeqNo: 3121609 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val WREC LowLimit HighLimit Methods NRPD RPDLimit Sample ID: mb-67463 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 67463 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3121610 Units: mg/Kg Analysis Prep Date: 5/14/2022 Samp Type: MS TestCode: EPA Method 8015D: Gasoline Range Samp Type: MS SeqNo: 3121610 Units: mg/Kg Samp Type: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: 67463	K Ref Val %REC LowLimit HighLimit %RPD	Analyte Result PQL SPK value
Prep Date S/14/2022 Analysis Date S/17/2022 SeqNo: 3121609 Units: mg/Kg		
Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3121609 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 25 5.0 25.00 0 101 72.3 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 212 137 137 212 137 137 212 137	TestCode: EPA Method 8015D: Gasoline Range	Sample ID: Ics-67463 SampType: LCS
Analyte	RunNo: 88053	Client ID: LCSS Batch ID: 67463
Sasoline Range Organics (GRO) 25 5.0 25.00 0 101 72.3 137 212	SeqNo: 3121609 Units: mg/Kg	Prep Date: 5/14/2022 Analysis Date: 5/17/2022
Surr: BFB 1900 1000 189 37.7 212 Sample ID: mb-67463 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 67463 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) ND 5.0 37.7 212 212 Sample ID: 2205672-020ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Fange Client ID: SW-25 Batch ID: 67463 RunNo: 88053 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 312134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 24.85 0 94.8 70 13	K Ref Val %REC LowLimit HighLimit %RPD	Analyte Result PQL SPK value
Client ID: PBS Batch D: 67463 RunNo: 88053		
Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3121610 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) ND 5.0 1000 85.6 37.7 212 212 Sample ID: 2205672-020ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: SW-25 Batch ID: 67463 RunNo: 88053 Units: mg/Kg Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 24.85 0 94.8 70 130	TestCode: EPA Method 8015D: Gasoline Rane	Sample ID: mb-67463 SampType: MBLK
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) ND 5.0 1000 85.6 37.7 212 37.7 37.7 212 37.7 212 37.7 212 37.7 212 37.7 37.7 212 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 3	RunNo: 88053	Client ID: PBS Batch ID: 67463
Sasoline Range Organics (GRO) ND 5.0 85.6 37.7 212	SeqNo: 3121610 Units: mg/Kg	Prep Date: 5/14/2022 Analysis Date: 5/17/2022
Surr: BFB 860 1000 85.6 37.7 212 Sample ID: 2205672-020ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: SW-25 Batch ID: 67463 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 24.85 0 94.8 70 130	K Ref Val %REC LowLimit HighLimit %RPD	Analyte Result PQL SPK value
Client ID: SW-25 Batch ID: 67463 RunNo: 88053 Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 24.85 0 94.8 70 130	85.6 37.7 212	, ,
Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 24.85 0 94.8 70 130	TestCode: EPA Method 8015D: Gasoline Rane	Sample ID: 2205672-020ams SampType: MS
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Gasoline Range Organics (GRO) 24 5.0 24.85 0 94.8 70 130	RunNo: 88053	Client ID: SW-25 Batch ID: 67463
Gasoline Range Organics (GRO) 24 5.0 24.85 0 94.8 70 130	SeqNo: 3122134 Units: mg/Kg	Prep Date: 5/14/2022 Analysis Date: 5/17/2022
	K Ref Val %REC LowLimit HighLimit %RPD	•
Sample ID: 2205672-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range	TestCode: FPA Mathod 8015D: Gasolina Pani	Sample ID: 2205672-020amed SampType: MSD

Qualifiers:

Analyte

Client ID:

Prep Date:

- 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

SW-25

5/14/2022

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

Batch ID: 67463

Analysis Date: 5/17/2022

PQL

Result

B Analyte detected in the associated Method Blank

RunNo: 88053

SeqNo: 3122135

LowLimit

Units: mg/Kg

HighLimit

%RPD

E Estimated value

SPK value SPK Ref Val

J Analyte detected below quantitation limits

%REC

- P Sample pH Not In Range
- RL Reporting Limit

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RPDLimit

Qual

Hall Environmental Analysis Laboratory, Inc.

2205672 25-May-22

Qual

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2205672-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **SW-25** Batch ID: **67463** RunNo: **88053**

Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122135 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** 24.95 Gasoline Range Organics (GRO) 25 5.0 0 101 70 130 7.21 20 Surr: BFB 2000 998.0 204 37.7 212 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 Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672 25-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67462	SampT	уре: МВ	LK	TestCode: EPA Method			8021B: Volati	les		
Client ID: PBS	Batch	n ID: 674	162	RunNo: 88023						
Prep Date: 5/14/2022	Analysis D	Date: 5/ 1	17/2022	SeqNo: 3120516			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	0.94		1.000		93.9	70	130			

Sample ID: LCS-67462	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch	n ID: 67 4	162	F	RunNo: 88	3023				
Prep Date: 5/14/2022	Analysis D	Date: 5/ 1	16/2022	5	SeqNo: 31	120517	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	1.000	0	80.4	80	120			
Toluene	0.86	0.050	1.000	0	86.2	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.4	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.7	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.8	70	130			

Sample ID: 2205672-001ams	Samp	Туре: М.	6	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SW-16	Bato	h ID: 67 4	462	F	RunNo: 88	3023				
Prep Date: 5/14/2022	Analysis I	Date: 5/	17/2022		SeqNo: 3	120520	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	0.9833	0	82.2	68.8	120			
Toluene	0.90	0.049	0.9833	0	91.9	73.6	124			
Ethylbenzene	0.94	0.049	0.9833	0	95.4	72.7	129			
Xylenes, Total	2.8	0.098	2.950	0	94.8	75.7	126			
Surr: 4-Bromofluorobenzene	0.91		0.9833		93.0	70	130			

Sample ID: 2205672-001amsd	SampT	ype: MS	D	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SW-16	Batch	n ID: 674	162	F	RunNo: 88	3023				
Prep Date: 5/14/2022	Analysis D	ate: 5/ 1	17/2022	5	SeqNo: 31	120521	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	0.9823	0	81.3	68.8	120	1.15	20	
Toluene	0.88	0.049	0.9823	0	89.8	73.6	124	2.34	20	
Ethylbenzene	0.91	0.049	0.9823	0	92.6	72.7	129	3.14	20	
Xylenes, Total	2.7	0.098	2.947	0	92.7	75.7	126	2.41	20	
Surr: 4-Bromofluorobenzene	0.94		0.9823		96.1	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672 25-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: Ics-67463	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	h ID: 67 4	163	F	RunNo: 8	3053				
Prep Date: 5/14/2022	Analysis [Date: 5/	17/2022	9	SeqNo: 3	121613	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.4	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

Sample ID: mb-67463	SampT	уре: МВ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch	n ID: 67 4	163	F	RunNo: 88	3053				
Prep Date: 5/14/2022	Analysis D	Date: 5/ 1	17/2022	9	SeqNo: 31	121614	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	0.91		1.000		91.1	70	130			

Sample ID: 2205672-021ams	SampT	ype: MS	;	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SW-26	Batch	n ID: 674	163	F	RunNo: 88	3053				
Prep Date: 5/14/2022	Analysis D	Date: 5/ 1	17/2022	5	SeqNo: 31	122168	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9766	0	89.2	68.8	120			
Toluene	0.92	0.049	0.9766	0	94.3	73.6	124			
Ethylbenzene	0.94	0.049	0.9766	0	96.0	72.7	129			
Xylenes, Total	2.8	0.098	2.930	0	95.2	75.7	126			
Surr: 4-Bromofluorobenzene	0.87		0.9766		89.4	70	130			

Sample ID: 2205672-021amsd	SampT	Гуре: МЅ	D	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SW-26	Batcl	h ID: 674	63	F	RunNo: 88	3053				
Prep Date: 5/14/2022	Analysis D	Date: 5/ 1	17/2022	5	SeqNo: 31	122169	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	0.9950	0	85.9	68.8	120	1.85	20	
Toluene	0.89	0.050	0.9950	0	89.9	73.6	124	2.88	20	
Ethylbenzene	0.90	0.050	0.9950	0	90.3	72.7	129	4.26	20	
Xylenes, Total	2.7	0.10	2.985	0	89.0	75.7	126	4.84	20	
Surr: 4-Bromofluorobenzene	0.85		0.9950		85.8	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Client Name: **GHD Midland** Work Order Number: 2205672 RcptNo: 1 Received By: Sean Livingston 5/14/2022 9:45:00 AM Completed By: Sean Livingston 5/14/2022 10:07:48 AM Sa 5/14/22 Reviewed By: 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 No 🗌 Yes V NA 🗌 5. Sample(s) in proper container(s)? Yes 🗸 No 🗌 6. Sufficient sample volume for indicated test(s)? Yes V No 🗌 7. Are samples (except VOA and ONG) properly preserved? No 🗌 Yes V 8. Was preservative added to bottles? Yes No V NA 🗌 Received at least 1 vial with headspace <1/4" for AQ VOA? No 🗌 Yes NA V 10. Were any sample containers received broken? Yes No V # of preserved bottles checked 11. Does paperwork match bottle labels? Yes 🗸 No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) 12. Are matrices correctly identified on Chain of Custody? Yes 🗸 Adjusted? No 🗌 13. Is it clear what analyses were requested? Yes V No 🗌 14. Were all holding times able to be met? Checked by: See 5/14/22 Yes 🗸 No 🔲 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V 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 Intact Seal No Seal Date Signed By 5.9 Good

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324 W. M	ain St.	Suite 10	324 W. Main St. Suite 108, Artesia NM 88210	Project #:		1	-	Tel. 505	505-345-3975	975	Fax	505-3	Fax 505-345-4107	90	
Phone #:		(505)377-4218	7-4218		125/339					Ā	Analysis	Reguest	est.		
email or Fax#:	ax#:	Becky.H	Becky.Haskell@ghd.com	Project Manager:							\ \psi		(1		N-
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(505)377-4218	12563231	1		000000000000000000000000000000000000000	Analysis	Reginest	10/
email or Fax#: Becky. Haskell@ghd.com	Project Manager:		-		† ((1	
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 25, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Tank Battery OrderNo.: 2205672

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 21 sample(s) on 5/14/2022 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2205672

5/17/2022 1:22:37 AM

67462

67462

67462

67462

67462

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: SW-16

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 7:15:00 AM

 Lab ID:
 2205672-001
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 83 61 mg/Kg 20 5/17/2022 6:49:41 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.5 mg/Kg 5/17/2022 3:54:37 PM 67479 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/17/2022 3:54:37 PM 67479 Surr: DNOP 80.4 51.1-141 %Rec 5/17/2022 3:54:37 PM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5/17/2022 1:22:37 AM 67462 4.9 mg/Kg Surr: BFB 92.5 37.7-212 %Rec 5/17/2022 1:22:37 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: NSB

ND

ND

ND

ND

90.7

0.025

0.049

0.049

0.099

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

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

Qualifiers:

Benzene

Toluene

Ethylbenzene

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 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

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Surr: 4-Bromofluorobenzene

Analytical Report

Lab Order 2205672

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: SW-17

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 7:30:00 AM

 Lab ID:
 2205672-002
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 66 60 mg/Kg 20 5/17/2022 7:02:06 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/18/2022 11:34:04 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/18/2022 11:34:04 AM 67479 Surr: DNOP 76.2 51.1-141 %Rec 5/18/2022 11:34:04 AM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5/17/2022 2:32:51 AM 67462 5.0 mg/Kg Surr: BFB 97.0 37.7-212 %Rec 5/17/2022 2:32:51 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 5/17/2022 2:32:51 AM 67462 Benzene 0.025 mg/Kg Toluene ND 0.050 mg/Kg 5/17/2022 2:32:51 AM 67462 Ethylbenzene ND 0.050 mg/Kg 1 5/17/2022 2:32:51 AM 67462 Xylenes, Total ND 0.099 mg/Kg 5/17/2022 2:32:51 AM 67462

93.5

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
- 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 28

67462

5/17/2022 2:32:51 AM

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-18

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 7:45:00 AM

Lab ID: 2205672-003 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	140	60	mg/Kg	20	5/17/2022 7:14:30 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/18/2022 11:58:16 AM	67479
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/18/2022 11:58:16 AM	67479
Surr: DNOP	83.7	51.1-141	%Rec	1	5/18/2022 11:58:16 AM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Surr: BFB	96.7	37.7-212	%Rec	1	5/17/2022 2:56:12 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 2:56:12 AM	67462
Surr: 4-Bromofluorobenzene	91.8	70-130	%Rec	1	5/17/2022 2:56:12 AM	67462

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 3 of 28

Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-19

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 8:00:00 AM

Lab ID: 2205672-004 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	110	60	mg/Kg	20	5/17/2022 7:26:55 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/18/2022 12:22:23 PM	67479
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/18/2022 12:22:23 PM	67479
Surr: DNOP	82.0	51.1-141	%Rec	1	5/18/2022 12:22:23 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 3:19:48 AM	67462
Surr: BFB	96.1	37.7-212	%Rec	1	5/17/2022 3:19:48 AM	67462
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 3:19:48 AM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 3:19:48 AM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 3:19:48 AM	67462
Xylenes, Total	ND	0.098	mg/Kg	1	5/17/2022 3:19:48 AM	67462
Surr: 4-Bromofluorobenzene	91.2	70-130	%Rec	1	5/17/2022 3:19:48 AM	67462

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

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Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-20

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 8:15:00 AM

Lab ID: 2205672-005 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	ND	60	mg/Kg	20	5/17/2022 7:39:20 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/18/2022 12:46:35 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 12:46:35 PM	67479
Surr: DNOP	81.8	51.1-141	%Rec	1	5/18/2022 12:46:35 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Surr: BFB	94.0	37.7-212	%Rec	1	5/17/2022 3:43:26 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 3:43:26 AM	67462
Surr: 4-Bromofluorobenzene	91.6	70-130	%Rec	1	5/17/2022 3:43:26 AM	67462

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

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Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-21

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 8:20:00 AM

 Lab ID:
 2205672-006
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 78 60 mg/Kg 20 5/17/2022 8:16:34 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/18/2022 1:10:50 PM 67479 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/18/2022 1:10:50 PM 67479 49 Surr: DNOP 77.8 51.1-141 %Rec 5/18/2022 1:10:50 PM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5/17/2022 4:07:07 AM 67462 4.8 mg/Kg Surr: BFB 94.7 37.7-212 %Rec 5/17/2022 4:07:07 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 5/17/2022 4:07:07 AM 67462 mg/Kg Toluene ND 0.048 mg/Kg 5/17/2022 4:07:07 AM 67462 Ethylbenzene ND 0.048 mg/Kg 1 5/17/2022 4:07:07 AM 67462 Xylenes, Total ND 0.097 mg/Kg 5/17/2022 4:07:07 AM 67462 Surr: 4-Bromofluorobenzene 70-130 67462 91.4 %Rec 5/17/2022 4:07:07 AM

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

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Analytical Report

Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-22

Project: Gissler AV Tank Battery **Collection Date:** 5/12/2022 8:30:00 AM

Lab ID: 2205672-007 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	100	60	mg/Kg	20	5/17/2022 8:53:48 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/18/2022 1:35:01 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 1:35:01 PM	67479
Surr: DNOP	79.2	51.1-141	%Rec	1	5/18/2022 1:35:01 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Surr: BFB	96.0	37.7-212	%Rec	1	5/17/2022 4:30:47 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 4:30:47 AM	67462
Surr: 4-Bromofluorobenzene	90.2	70-130	%Rec	1	5/17/2022 4:30:47 AM	67462

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

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Lab Order 2205672

Date Reported: 5/25/2022

5/17/2022 4:39:00 AM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-23

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 8:45:00 AM Lab ID: 2205672-008 Matrix: SOIL Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 200 60 mg/Kg 20 5/17/2022 9:06:13 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.9 mg/Kg 5/18/2022 6:03:27 PM 67479 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/18/2022 6:03:27 PM 67479 50 Surr: DNOP 5/18/2022 6:03:27 PM 78.9 51.1-141 %Rec 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/17/2022 4:39:00 AM 67462 5.0 mg/Kg Surr: BFB 91.0 37.7-212 %Rec 5/17/2022 4:39:00 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 5/17/2022 4:39:00 AM 67462 Benzene 0.025 mg/Kg Toluene ND 0.050 mg/Kg 5/17/2022 4:39:00 AM 67462 Ethylbenzene ND 0.050 mg/Kg 1 5/17/2022 4:39:00 AM 67462 Xylenes, Total ND 0.099 mg/Kg 5/17/2022 4:39:00 AM 67462 Surr: 4-Bromofluorobenzene 70-130 67462

93.9

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 interference
- Analyte detected in the associated Method Blank
- Е Estimated value
- Analyte detected below quantitation limits

%Rec

- Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-24

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 9:00:00 AM

 Lab ID:
 2205672-009
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	110	60	mg/Kg	20	5/17/2022 9:18:38 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/18/2022 6:27:39 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 6:27:39 PM	67479
Surr: DNOP	74.0	51.1-141	%Rec	1	5/18/2022 6:27:39 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 4:59:00 AM	67462
Surr: BFB	94.6	37.7-212	%Rec	1	5/17/2022 4:59:00 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 4:59:00 AM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 4:59:00 AM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 4:59:00 AM	67462
Xylenes, Total	ND	0.098	mg/Kg	1	5/17/2022 4:59:00 AM	67462
Surr: 4-Bromofluorobenzene	93.6	70-130	%Rec	1	5/17/2022 4:59:00 AM	67462

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

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Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-24

Project: Gissler AV Tank Battery **Collection Date:** 5/12/2022 9:15:00 AM

Lab ID: 2205672-010 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LRN
Chloride	410	60	mg/Kg	20	5/17/2022 9:31:02 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: SB
Diesel Range Organics (DRO)	200	9.8	mg/Kg	1	5/18/2022 6:51:51 PM	67479
Motor Oil Range Organics (MRO)	110	49	mg/Kg	1	5/18/2022 6:51:51 PM	67479
Surr: DNOP	89.2	51.1-141	%Rec	1	5/18/2022 6:51:51 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 5:19:00 AM	67462
Surr: BFB	90.3	37.7-212	%Rec	1	5/17/2022 5:19:00 AM	67462
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 5:19:00 AM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 5:19:00 AM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 5:19:00 AM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 5:19:00 AM	67462
Surr: 4-Bromofluorobenzene	91.6	70-130	%Rec	1	5/17/2022 5:19:00 AM	67462

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

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Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-25

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 9:30:00 AM

 Lab ID:
 2205672-011
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 5700 300 mg/Kg 100 5/18/2022 11:41:11 AM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 48 mg/Kg 5 5/19/2022 4:56:31 PM 67479 Motor Oil Range Organics (MRO) 260 5 240 mg/Kg 5/19/2022 4:56:31 PM 67479 Surr: DNOP 89.0 51.1-141 %Rec 5/19/2022 4:56:31 PM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/17/2022 5:38:00 AM 67462 5.0 mg/Kg 1 Surr: BFB 90.4 37.7-212 %Rec 5/17/2022 5:38:00 AM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 5/17/2022 5:38:00 AM 67462 Benzene 0.025 mg/Kg Toluene ND 0.050 mg/Kg 5/17/2022 5:38:00 AM 67462 Ethylbenzene ND 0.050 mg/Kg 1 5/17/2022 5:38:00 AM 67462 Xylenes, Total ND 0.099 mg/Kg 5/17/2022 5:38:00 AM 67462 Surr: 4-Bromofluorobenzene 70-130 67462 88.2 %Rec 5/17/2022 5:38:00 AM

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

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Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-26

Project: Gissler AV Tank Battery **Collection Date:** 5/12/2022 9:45:00 AM

Lab ID: 2205672-012 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	860	60	mg/Kg	20	5/17/2022 9:55:51 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/18/2022 7:40:09 PM	67479
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/18/2022 7:40:09 PM	67479
Surr: DNOP	90.3	51.1-141	%Rec	1	5/18/2022 7:40:09 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/17/2022 5:58:00 AM	67462
Surr: BFB	89.5	37.7-212	%Rec	1	5/17/2022 5:58:00 AM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/17/2022 5:58:00 AM	67462
Toluene	ND	0.048	mg/Kg	1	5/17/2022 5:58:00 AM	67462
Ethylbenzene	ND	0.048	mg/Kg	1	5/17/2022 5:58:00 AM	67462
Xylenes, Total	ND	0.097	mg/Kg	1	5/17/2022 5:58:00 AM	67462
Surr: 4-Bromofluorobenzene	89.8	70-130	%Rec	1	5/17/2022 5:58:00 AM	67462

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

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Lab Order 2205672

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-27

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:00:00 AM

 Lab ID:
 2205672-013
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: LRN
Chloride	1900	61	mg/Kg	20	5/17/2022 10:08:16 PM	67520
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/18/2022 8:04:17 PM	67479
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/18/2022 8:04:17 PM	67479
Surr: DNOP	131	51.1-141	%Rec	1	5/18/2022 8:04:17 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Surr: BFB	88.7	37.7-212	%Rec	1	5/17/2022 2:24:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 2:24:00 PM	67462
Surr: 4-Bromofluorobenzene	89.5	70-130	%Rec	1	5/17/2022 2:24:00 PM	67462

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

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Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-28

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:15:00 AM

 Lab ID:
 2205672-014
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: CAS
Chloride	3000	150		mg/Kg	50	5/18/2022 11:53:32 AM	67520
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	2800	97		mg/Kg	10	5/18/2022 8:28:23 PM	67479
Motor Oil Range Organics (MRO)	1600	480		mg/Kg	10	5/18/2022 8:28:23 PM	67479
Surr: DNOP	0	51.1-141	S	%Rec	10	5/18/2022 8:28:23 PM	67479
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: BRM
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Surr: BFB	91.3	37.7-212		%Rec	5	5/17/2022 2:44:00 PM	67462
EPA METHOD 8021B: VOLATILES						Analyst	: BRM
Benzene	ND	0.12		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Toluene	ND	0.24		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Ethylbenzene	ND	0.24		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Xylenes, Total	ND	0.49		mg/Kg	5	5/17/2022 2:44:00 PM	67462
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	5	5/17/2022 2:44:00 PM	67462

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

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Analytical Report

Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-29

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:30:00 AM

 Lab ID:
 2205672-015
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 3100 150 mg/Kg 50 5/18/2022 12:05:53 PM 67520 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 49 mg/Kg 5 5/19/2022 4:09:00 PM 67479 Motor Oil Range Organics (MRO) 380 5 67479 240 mg/Kg 5/19/2022 4:09:00 PM Surr: DNOP 86.4 51.1-141 %Rec 5/19/2022 4:09:00 PM 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/17/2022 3:03:00 PM Gasoline Range Organics (GRO) ND 67462 4.8 mg/Kg 1 Surr: BFB 83.4 37.7-212 %Rec 5/17/2022 3:03:00 PM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/17/2022 3:03:00 PM 67462 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/17/2022 3:03:00 PM 67462 Ethylbenzene ND 0.048 mg/Kg 1 5/17/2022 3:03:00 PM 67462 Xylenes, Total ND 0.097 mg/Kg 5/17/2022 3:03:00 PM 67462 Surr: 4-Bromofluorobenzene 70-130 67462 85.1 %Rec 5/17/2022 3:03:00 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 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

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Lab Order 2205672

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/25/2022

CLIENT: GHD Midland Client Sample ID: BH-30

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 10:45:00 AM

 Lab ID:
 2205672-016
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 2100 150 mg/Kg 5/19/2022 12:55:57 PM 67539 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.6 mg/Kg 5/18/2022 10:05:28 PM Motor Oil Range Organics (MRO) ND 67479 48 mg/Kg 1 5/18/2022 10:05:28 PM Surr: DNOP 5/18/2022 10:05:28 PM 109 51.1-141 %Rec 67479 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/17/2022 3:23:00 PM Gasoline Range Organics (GRO) ND 67462 4.8 mg/Kg Surr: BFB 84.6 37.7-212 %Rec 5/17/2022 3:23:00 PM 67462 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/17/2022 3:23:00 PM 67462 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/17/2022 3:23:00 PM 67462 Ethylbenzene ND 0.048 mg/Kg 1 5/17/2022 3:23:00 PM 67462 Xylenes, Total ND 0.097 mg/Kg 5/17/2022 3:23:00 PM 67462 Surr: 4-Bromofluorobenzene 70-130 67462 86.1 %Rec 5/17/2022 3:23:00 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 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

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Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-31

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/12/2022 11:00:00 AM

 Lab ID:
 2205672-017
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: CAS
Chloride	1800	59	mg/Kg	20	5/18/2022 6:16:17 PM	67539
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	26	9.6	mg/Kg	1	5/18/2022 10:30:00 PM	67479
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/18/2022 10:30:00 PM	67479
Surr: DNOP	89.6	51.1-141	%Rec	1	5/18/2022 10:30:00 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Surr: BFB	86.5	37.7-212	%Rec	1	5/17/2022 3:43:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Xylenes, Total	ND	0.10	mg/Kg	1	5/17/2022 3:43:00 PM	67462
Surr: 4-Bromofluorobenzene	88.3	70-130	%Rec	1	5/17/2022 3:43:00 PM	67462

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

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Analytical Report

Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-32

Project: Gissler AV Tank Battery Collection Date: 5/12/2022 12:00:00 PM

Lab ID: 2205672-018 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: CAS
Chloride	1400	60	mg/Kg	20	5/18/2022 6:28:37 PM	67539
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	5/18/2022 11:18:46 PM	67479
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	5/18/2022 11:18:46 PM	67479
Surr: DNOP	97.1	51.1-141	%Rec	1	5/18/2022 11:18:46 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Surr: BFB	89.3	37.7-212	%Rec	1	5/17/2022 4:03:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Toluene	ND	0.050	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Ethylbenzene	ND	0.050	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 4:03:00 PM	67462
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	5/17/2022 4:03:00 PM	67462

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

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Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-33

Project: Gissler AV Tank Battery **Collection Date:** 5/12/2022 12:15:00 PM

Lab ID: 2205672-019 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	3000	150	mg/Kg	50	5/19/2022 1:08:22 PM	67539
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	98	9.7	mg/Kg	1	5/18/2022 11:43:19 PM	67479
Motor Oil Range Organics (MRO)	110	49	mg/Kg	1	5/18/2022 11:43:19 PM	67479
Surr: DNOP	51.2	51.1-141	%Rec	1	5/18/2022 11:43:19 PM	67479
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Surr: BFB	93.3	37.7-212	%Rec	1	5/17/2022 8:01:00 PM	67462
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Toluene	ND	0.049	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Xylenes, Total	ND	0.097	mg/Kg	1	5/17/2022 8:01:00 PM	67462
Surr: 4-Bromofluorobenzene	93.1	70-130	%Rec	1	5/17/2022 8:01:00 PM	67462

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

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Analytical Report

Lab Order **2205672**Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-25

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/13/2022 7:00:00 AM

 Lab ID:
 2205672-020
 Matrix: SOIL
 Received Date: 5/14/2022 9:45:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride 73 60 mg/Kg 20 5/19/2022 7:57:19 PM 67579 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/20/2022 9:26:22 PM 67478 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/20/2022 9:26:22 PM 67478 49 Surr: DNOP 85.4 51.1-141 %Rec 5/20/2022 9:26:22 PM 67478 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/17/2022 4:23:00 PM Gasoline Range Organics (GRO) ND 67463 5.0 mg/Kg Surr: BFB 95.8 37.7-212 %Rec 5/17/2022 4:23:00 PM 67463 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.025 5/17/2022 4:23:00 PM 67463 mg/Kg Toluene ND 0.050 mg/Kg 5/17/2022 4:23:00 PM 67463 Ethylbenzene ND 0.050 mg/Kg 1 5/17/2022 4:23:00 PM 67463 Xylenes, Total ND 0.10 mg/Kg 5/17/2022 4:23:00 PM 67463 Surr: 4-Bromofluorobenzene 70-130 93.9 %Rec 5/17/2022 4:23:00 PM 67463

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

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Analytical Report

Lab Order **2205672**

Date Reported: 5/25/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-26

Project: Gissler AV Tank Battery **Collection Date:** 5/13/2022 7:15:00 AM

Lab ID: 2205672-021 **Matrix:** SOIL **Received Date:** 5/14/2022 9:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	110	60	mg/Kg	20	5/19/2022 8:09:40 PM	67579
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	110	9.9	mg/Kg	1	5/20/2022 6:15:36 PM	67478
Motor Oil Range Organics (MRO)	280	50	mg/Kg	1	5/20/2022 6:15:36 PM	67478
Surr: DNOP	94.9	51.1-141	%Rec	1	5/20/2022 6:15:36 PM	67478
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Surr: BFB	89.2	37.7-212	%Rec	1	5/17/2022 5:22:00 PM	67463
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Toluene	ND	0.049	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Ethylbenzene	ND	0.049	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Xylenes, Total	ND	0.099	mg/Kg	1	5/17/2022 5:22:00 PM	67463
Surr: 4-Bromofluorobenzene	91.5	70-130	%Rec	1	5/17/2022 5:22:00 PM	67463

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

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Hall Environmental Analysis Laboratory, Inc.

14

ND

1.5

15.00

WO#: **2205672**

25-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67520 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 67520 RunNo: 88048 Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122279 Units: mq/Kq SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result **PQL** %REC LowLimit HighLimit Qual

Chloride ND 1.5

Sample ID: LCS-67520 TestCode: EPA Method 300.0: Anions SampType: Ics Client ID: LCSS Batch ID: 67520 RunNo: 88048 Prep Date: 5/17/2022 Analysis Date: 5/17/2022 SeqNo: 3122280 Units: mg/Kg **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

923

110

Sample ID: MB-67539 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 67539 RunNo: 88117 Analysis Date: 5/18/2022 Prep Date: 5/18/2022 SeqNo: 3123927 Units: mg/Kg Result POI SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte I owl imit HighLimit

Sample ID: LCS-67539 SampType: Ics TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 67539 RunNo: 88117 Prep Date: Analysis Date: 5/18/2022 SeqNo: 3123928 5/18/2022 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit Chloride 14 1.5 15.00 95.0 90

Sample ID: MB-67579 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: Batch ID: 67579 RunNo: 88138 PRS Prep Date: 5/19/2022 Analysis Date: 5/19/2022 SeqNo: 3125317 Units: mg/Kg SPK value SPK Ref Val **RPDLimit** Analyte Result **PQL** %REC LowLimit HighLimit %RPD Qual Chloride ND 1.5

Sample ID: LCS-67579 SampType: Ics TestCode: EPA Method 300.0: Anions
Client ID: LCSS Batch ID: 67579 RunNo: 88138

Prep Date: 5/19/2022 Analysis Date: 5/19/2022 SeqNo: 3125318 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride 14 1.5 15.00 0 96.5 90 110

Qualifiers:

Chloride

Chloride

- 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672 25-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67479	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch	1D: 67 4	479	F	RunNo: 88	3196				
Prep Date: 5/16/2022	Analysis D	ate: 5/	17/2022	\$	SeqNo: 3	126699	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	8.1		10.00		81.0	51.1	141			
Sample ID: 2205672-001AMS	SampT	ype: MS	3	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: SW-16	Batch	1D: 67 4	479	F	RunNo: 8	3196				
Prep Date: 5/16/2022	Analysis D	ate: 5/	17/2022	5	SeqNo: 3	126701	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.8	49.02	0	97.4	36.1	154			
Surr: DNOP	3.7		4.902		74.9	51.1	141			
Sample ID: 2205672-001AMSD	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: SW-16	Batch	1D: 67 4	479	F	RunNo: 8	3196				
Prep Date: 5/16/2022	Analysis D	ate: 5/	17/2022	S	SeqNo: 3	126702	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.3	46.64	0	93.5	36.1	154	9.13	33.9	
Surr: DNOP	3.4		4.664		73.3	51.1	141	0	0	
Sample ID: LCS-67479	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	1D: 67 4	479	F	RunNo: 88	3196				
Prep Date: 5/16/2022	Analysis D	ate: 5/	17/2022	5	SeqNo: 3	126703	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.6	64.4	127			
Surr: DNOP	3.7		5.000		74.0	51.1	141			
Sample ID: MB-67478	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Ratch	1D: 67 4	170		RunNo: 8	2050				

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

Prep Date: 5/16/2022

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

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

Analysis Date: 5/17/2022

Result

ND

ND

5.3

PQL

10

50

10.00

B Analyte detected in the associated Method Blank

SeqNo: 3126729

52.6

51.1

Units: mg/Kg

141

HighLimit

%RPD

RPDLimit

Qual

E Estimated value

SPK value SPK Ref Val %REC LowLimit

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

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Hall Environmental Analysis Laboratory, Inc.

2205672 25-May-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: LCS-67478 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 67478 RunNo: 88059

Prep Date: 5/16/2022 Analysis Date: 5/17/2022 SeqNo: 3126730 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 79.6 64.4 127

Surr: DNOP 2.8 5.000 55.7 51.1 141

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2205672 25-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67462	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 67462	RunNo: 88023
Prep Date: 5/14/2022	Analysis Date: 5/17/2022	SeqNo: 3120483 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	970 1000	96.8 37.7 212
Sample ID: Ics-67462	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 67462	RunNo: 88023
Prep Date: 5/14/2022	Analysis Date: 5/16/2022	SeqNo: 3120484 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 97.8 72.3 137
Surr: BFB	2000 1000	203 37.7 212
Sample ID: Ics-67463	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 67463	RunNo: 88053
Dron Doto: El44/2022	Analysis Data: E/47/2022	Coallo: 2424600 Unito: mall/a

Client ID: LCSS	Batch	1D: 67 4	163	F	3053					
Prep Date: 5/14/2022	Analysis D	ate: 5/ 1	17/2022	5	SeqNo: 31	121609	Units: mg/K	g		
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	72.3	137			
Surr: BFB	1900		1000		189	37.7	212			

Sample ID: mb-67463	SampT	уре: МВ	BLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch	1D: 67 4	163	F	RunNo: 88	3053				
Prep Date: 5/14/2022	Analysis D	ate: 5/ 1	17/2022	8	SeqNo: 31	121610	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		85.6	37.7	212			

Sample ID: 2205672-020ams	SampT	Гуре: МS	;	Tes	8015D: Gaso	line Range	•			
Client ID: SW-25	Batch	h ID: 67 4	163	F	RunNo: 88	3053				
Prep Date: 5/14/2022	Analysis D	Date: 5/ *	17/2022	5	SeqNo: 31	122134	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	24.85	0	94.8	70	130			
Surr: BFB	2000		994.0		201	37.7	212			

Sample ID: 2205672-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: RunNo: 88053 SW-25 Batch ID: 67463

Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122135 Units: mg/Kg

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

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

Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2205672 25-May-22

Qual

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2205672-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **SW-25** Batch ID: **67463** RunNo: **88053**

Prep Date: 5/14/2022 Analysis Date: 5/17/2022 SeqNo: 3122135 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** 24.95 Gasoline Range Organics (GRO) 25 5.0 0 101 70 130 7.21 20 Surr: BFB 2000 998.0 204 37.7 212 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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 26 of 28

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672**

25-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67462	Samp	SampType: MBLK			tCode: EF	les				
Client ID: PBS	Batcl	Batch ID: 67462			RunNo: 88	3023				
Prep Date: 5/14/2022	Analysis [Date: 5/	17/2022	SeqNo: 3120516 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	0.94		1.000		93.9	70	130			

Sample ID: LCS-67462	SampT	ype: LC	S	Tes	tCode: EF	8021B: Volati	les			
Client ID: LCSS	Batch	n ID: 67 4	162	F	RunNo: 88	3023				
Prep Date: 5/14/2022	Analysis D	Date: 5/ 1	16/2022	5	SeqNo: 31	120517	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	1.000	0	80.4	80	120			
Toluene	0.86	0.050	1.000	0	86.2	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.4	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.7	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.8	70	130			

Sample ID: 2205672-001ams	Samp	Туре: М.	6	Tes	tCode: EF					
Client ID: SW-16	Bato	h ID: 67 4	462	F	RunNo: 88	3023				
Prep Date: 5/14/2022	Analysis I	Date: 5/	17/2022	9	SeqNo: 3120520 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	0.9833	0	82.2	68.8	120			
Toluene	0.90	0.049	0.9833	0	91.9	73.6	124			
Ethylbenzene	0.94	0.049	0.9833	0	95.4	72.7	129			
Xylenes, Total	2.8	0.098	2.950	0	94.8	75.7	126			
Surr: 4-Bromofluorobenzene	0.91		0.9833		93.0	70	130			

Sample ID: 2205672-001amsd	SampT	уре: МЅ	D	Tes	tCode: EF					
Client ID: SW-16	Batch	n ID: 674	62	F	RunNo: 88	3023				
Prep Date: 5/14/2022	Analysis D	Date: 5/ 1	17/2022	5	SeqNo: 3120521 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	0.9823	0	81.3	68.8	120	1.15	20	
Toluene	0.88	0.049	0.9823	0	89.8	73.6	124	2.34	20	
Ethylbenzene	0.91	0.049	0.9823	0	92.6	72.7	129	3.14	20	
Xylenes, Total	2.7	0.098	2.947	0	92.7	75.7	126	2.41	20	
Surr: 4-Bromofluorobenzene	0.94		0.9823		96.1	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 Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205672 25-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: Ics-67463	Samp	Гуре: LC :	S	Tes	tCode: EF	les				
Client ID: LCSS	Batcl	h ID: 67 4	163	F	RunNo: 88	3053				
Prep Date: 5/14/2022	Analysis [Date: 5/ 1	17/2022	9	SeqNo: 31	121613	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.4	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

Sample ID: mb-67463	Samp	Гуре: МЕ	BLK	PA Method	8021B: Volati	les							
Client ID: PBS	Batcl	h ID: 67 4	163	F	RunNo: 8	3053							
Prep Date: 5/14/2022	Analysis [Date: 5/	17/2022	2022 SeqNo: 3121614 U				Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	0.025											
Toluene	ND	0.050											
Ethylbenzene	ND	0.050											
Xylenes, Total	ND	0.10											
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130						

Sample ID: 2205672-021ams	Samp	Гуре: МЅ	3	Tes	tCode: EF	PA Method	8021B: Volati	les	•	
Client ID: SW-26	Batcl	h ID: 67 4	163	F	RunNo: 8	3053				
Prep Date: 5/14/2022	Analysis [Date: 5/ 1	17/2022	9	SeqNo: 3	122168	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9766	0	89.2	68.8	120			
Toluene	0.92	0.049	0.9766	0	94.3	73.6	124			
Ethylbenzene	0.94	0.049	0.9766	0	96.0	72.7	129			
Xylenes, Total	2.8	0.098	2.930	0	95.2	75.7	126			
Surr: 4-Bromofluorobenzene	0.87		0.9766		89.4	70	130			

Sample ID: 2205672-021amsd	SampT	ype: MS	D	Tes	tCode: EF	PA Method	8021B: Volati	les				
Client ID: SW-26	Batch	n ID: 674	163	F	RunNo: 88	3053						
Prep Date: 5/14/2022	Analysis D	ate: 5/ 1	17/2022	5	SeqNo: 31	122169	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.86	0.025	0.9950	0	85.9	68.8	120	1.85	20			
Toluene	0.89	0.050	0.9950	0	89.9	73.6	124	2.88	20			
Ethylbenzene	0.90	0.050	0.9950	0	90.3	72.7	129	4.26	20			
Xylenes, Total	2.7	0.10	2.985	0	89.0	75.7	126	4.84	20			
Surr: 4-Bromofluorobenzene	0.85		0.9950		85.8	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 Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Website: www.hallenvironmental.com

Client Name:	GHD Midland	Work Order Nun	nber: 220	5672			RcptN	o: 1
Received By:	Sean Livingston	5/14/2022 9:45:00	AM		5	/	in the	
Completed By:	Sean Livingston	5/14/2022 10:07:4	8 AM		_		erate	
Reviewed By:	Sa stigler		5 7 W		2		esot-	
Chain of Cus	tody							
1. Is Chain of Cu	stody complete?		Yes	V	No		Not Present	
2. How was the	sample delivered?		Cou	rier			V. 1000. 15100 (W. 1000)	
Log In								
3. Was an attem	pt made to cool the samples	s?	Yes	V	No		NA 🗌	
4. Were all samp	les received at a temperatur	re of >0° C to 6.0°C	Yes	V	No		NA 🗆	
5. Sample(s) in p	roper container(s)?		Yes	V	No			
6. Sufficient samp	ole volume for indicated test	(s)?	Yes	✓	No			
7. Are samples (e	xcept VOA and ONG) prope	erly preserved?	Yes	~	No			
8. Was preservati	ve added to bottles?		Yes		No	V	NA 🗆	
9. Received at lea	st 1 vial with headspace <1.	/4" for AQ VOA?	Yes		No		NA 🗹	
0. Were any sam	ple containers received brok	en?	Yes		No	V	# of preserved	
	k match bottle labels? ncies on chain of custody)		Yes	V	No		bottles checked for pH:	r >12 unless noted)
	rrectly identified on Chain o	f Custody?	Yes	V	No		Adjusted?	1
	analyses were requested?		Yes	V	No		/	
 Were all holding (If no, notify cust) 	g times able to be met? stomer for authorization.)		Yes	V	No		Checked by:	See Stryler
pecial Handlir	ng (if applicable)							
15. Was client noti	fied of all discrepancies with	this order?	Yes		No		NA 🗹	
Person N	otified:	Date:				-		7
By Whom	1:	Via:	☐ eMa	il 🗆 P	hone 🗌	Fax	☐ In Person	
Regardin	g:						-10.0444	
Client Ins	tructions:				_	-		
6. Additional rem	arks:							1
7. Cooler Inform Cooler No	MERCHARD HILLARDS AND LONG.	Sallata I a sussel	4.00					
COULCI INO	Temp °C Condition S	Seal Intact Seal No	Seal Da	4	Signed B	200		

Client GHD	ではできる	うううかと 人ううろうこうこう										0	10		
Address:	Client: GHD		- Standard	- Rush	7.7	П	П	I	ALL	EN	VIR	S	ME	ATI	eived
Main St. Suite 108, Artesia NM 88210 Project #:			Project Name:					4			ח ח	A B	S Y		>
Froject #: (505)377-4218 Froject #: (505)377-4218 Fax#: (505)37-4218 Fax#: (Mailing Address:			AU 76	L B.H.	4	901 F	w awkin	ww.na	Shire	nment	al.com	47109		
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Container Cont	QA/QC Package:		Becky Haskell			_		3/	CI)S ' [‡]		uəs			
Particle Sample	□ Standard	☐ Level 4 (Full Validation)	Tom Larson					VIO	MIC	DO'		d∧∖t			
Container Cooler Tempines of State Cooler Tempines		□ Az Compliance	Ŀ	ach Comino			-	200	0.170	10 ² '		_			_
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Suite 108, Artesia NM 88210	<u></u>
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Reinquished by: Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources Chase_Settl	Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.



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

May 26, 2022

Becky Haskell GHD Midland 2135 S Loop 250 W Midland, TX 79703

TEL: (432) 686-0086

FAX

RE: Gissler AV Tank Battery OrderNo.: 2205799

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 10 sample(s) on 5/18/2022 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 2205799

Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-34

Project: Gissler AV Tank Battery Collection Date: 5/16/2022 8:00:00 AM 2205799-001 Lab ID: Matrix: SOIL Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	380	60	mg/Kg	20	5/20/2022 12:41:17 AM	67579
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	690	49	mg/Kg	5	5/23/2022 5:40:46 PM	67547
Motor Oil Range Organics (MRO)	400	250	mg/Kg	5	5/23/2022 5:40:46 PM	67547
Surr: DNOP	93.7	51.1-141	%Rec	5	5/23/2022 5:40:46 PM	67547
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	5/19/2022 7:34:29 PM	67544
Surr: BFB	108	37.7-212	%Rec	5	5/19/2022 7:34:29 PM	67544
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.12	mg/Kg	5	5/19/2022 7:34:29 PM	67544
Toluene	ND	0.25	mg/Kg	5	5/19/2022 7:34:29 PM	67544
Ethylbenzene	ND	0.25	mg/Kg	5	5/19/2022 7:34:29 PM	67544
Xylenes, Total	ND	0.50	mg/Kg	5	5/19/2022 7:34:29 PM	67544
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	5	5/19/2022 7:34:29 PM	67544

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

Qualifiers:

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

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Analytical Report Lab Order 2205799

Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-35

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 8:30:00 AM

 Lab ID:
 2205799-002
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	520	60		mg/Kg	20	5/20/2022 12:53:38 AM	67579
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	480	100		mg/Kg	10	5/20/2022 2:55:20 PM	67547
Motor Oil Range Organics (MRO)	550	500		mg/Kg	10	5/20/2022 2:55:20 PM	67547
Surr: DNOP	0	51.1-141	S	%Rec	10	5/20/2022 2:55:20 PM	67547
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	5/19/2022 7:58:00 PM	67544
Surr: BFB	119	37.7-212		%Rec	5	5/19/2022 7:58:00 PM	67544
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	5/19/2022 7:58:00 PM	67544
Toluene	ND	0.24		mg/Kg	5	5/19/2022 7:58:00 PM	67544
Ethylbenzene	ND	0.24		mg/Kg	5	5/19/2022 7:58:00 PM	67544
Xylenes, Total	ND	0.48		mg/Kg	5	5/19/2022 7:58:00 PM	67544
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5	5/19/2022 7:58:00 PM	67544

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 2 of 15

Analytical Report Lab Order 2205799

Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-36

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 9:00:00 AM

 Lab ID:
 2205799-003
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	300	60		mg/Kg	20	5/20/2022 1:05:59 AM	67579
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	650	98		mg/Kg	10	5/20/2022 3:06:03 PM	67547
Motor Oil Range Organics (MRO)	740	490		mg/Kg	10	5/20/2022 3:06:03 PM	67547
Surr: DNOP	0	51.1-141	S	%Rec	10	5/20/2022 3:06:03 PM	67547
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	5/19/2022 8:21:28 PM	67544
Surr: BFB	103	37.7-212		%Rec	5	5/19/2022 8:21:28 PM	67544
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	5/19/2022 8:21:28 PM	67544
Toluene	ND	0.25		mg/Kg	5	5/19/2022 8:21:28 PM	67544
Ethylbenzene	ND	0.25		mg/Kg	5	5/19/2022 8:21:28 PM	67544
Xylenes, Total	ND	0.50		mg/Kg	5	5/19/2022 8:21:28 PM	67544
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5	5/19/2022 8:21:28 PM	67544

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

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Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-37

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 9:30:00 AM

 Lab ID:
 2205799-004
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	330	60		mg/Kg	20	5/20/2022 1:42:59 AM	67579
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	2100	100		mg/Kg	10	5/20/2022 3:16:46 PM	67547
Motor Oil Range Organics (MRO)	1600	510		mg/Kg	10	5/20/2022 3:16:46 PM	67547
Surr: DNOP	0	51.1-141	S	%Rec	10	5/20/2022 3:16:46 PM	67547
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	45	25		mg/Kg	5	5/19/2022 8:44:59 PM	67544
Surr: BFB	169	37.7-212		%Rec	5	5/19/2022 8:44:59 PM	67544
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	5/19/2022 8:44:59 PM	67544
Toluene	ND	0.25		mg/Kg	5	5/19/2022 8:44:59 PM	67544
Ethylbenzene	ND	0.25		mg/Kg	5	5/19/2022 8:44:59 PM	67544
Xylenes, Total	1.5	0.50		mg/Kg	5	5/19/2022 8:44:59 PM	67544
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5	5/19/2022 8:44:59 PM	67544

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

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Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-27

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 10:00:00 AM

 Lab ID:
 2205799-005
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	610	60		mg/Kg	20	5/20/2022 1:55:21 AM	67579
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	1500	98		mg/Kg	10	5/23/2022 7:18:04 PM	67547
Motor Oil Range Organics (MRO)	770	490		mg/Kg	10	5/23/2022 7:18:04 PM	67547
Surr: DNOP	0	51.1-141	S	%Rec	10	5/23/2022 7:18:04 PM	67547
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	5/19/2022 9:08:27 PM	67544
Surr: BFB	110	37.7-212		%Rec	5	5/19/2022 9:08:27 PM	67544
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	5/19/2022 9:08:27 PM	67544
Toluene	ND	0.24		mg/Kg	5	5/19/2022 9:08:27 PM	67544
Ethylbenzene	ND	0.24		mg/Kg	5	5/19/2022 9:08:27 PM	67544
Xylenes, Total	ND	0.49		mg/Kg	5	5/19/2022 9:08:27 PM	67544
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	5	5/19/2022 9:08:27 PM	67544

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

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Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-28

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 10:30:00 AM

 Lab ID:
 2205799-006
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	1300	60	mg/Kg	20	5/20/2022 11:15:24 AM	67596
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	140	9.8	mg/Kg	1	5/23/2022 8:31:16 PM	67547
Motor Oil Range Organics (MRO)	170	49	mg/Kg	1	5/23/2022 8:31:16 PM	67547
Surr: DNOP	59.4	51.1-141	%Rec	1	5/23/2022 8:31:16 PM	67547
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	5/19/2022 9:31:52 PM	67544
Surr: BFB	94.8	37.7-212	%Rec	5	5/19/2022 9:31:52 PM	67544
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.12	mg/Kg	5	5/19/2022 9:31:52 PM	67544
Toluene	ND	0.25	mg/Kg	5	5/19/2022 9:31:52 PM	67544
Ethylbenzene	ND	0.25	mg/Kg	5	5/19/2022 9:31:52 PM	67544
Xylenes, Total	ND	0.50	mg/Kg	5	5/19/2022 9:31:52 PM	67544
Surr: 4-Bromofluorobenzene	97.5	70-130	%Rec	5	5/19/2022 9:31:52 PM	67544

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

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Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-29

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 11:00:00 AM

 Lab ID:
 2205799-007
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	350	60		mg/Kg	20	5/20/2022 11:27:49 AM	67596
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	600	99		mg/Kg	10	5/20/2022 3:48:58 PM	67547
Motor Oil Range Organics (MRO)	680	500		mg/Kg	10	5/20/2022 3:48:58 PM	67547
Surr: DNOP	0	51.1-141	S	%Rec	10	5/20/2022 3:48:58 PM	67547
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	5/19/2022 10:42:06 PM	67544
Surr: BFB	135	37.7-212		%Rec	5	5/19/2022 10:42:06 PM	67544
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12		mg/Kg	5	5/19/2022 10:42:06 PM	67544
Toluene	ND	0.25		mg/Kg	5	5/19/2022 10:42:06 PM	67544
Ethylbenzene	ND	0.25		mg/Kg	5	5/19/2022 10:42:06 PM	67544
Xylenes, Total	ND	0.50		mg/Kg	5	5/19/2022 10:42:06 PM	67544
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5	5/19/2022 10:42:06 PM	67544

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

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Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-30

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 11:30:00 AM

 Lab ID:
 2205799-008
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	790	60	mg/Kg	20	5/20/2022 11:40:13 AM	67596
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	41	9.9	mg/Kg	1	5/23/2022 9:19:52 PM	67547
Motor Oil Range Organics (MRO)	110	49	mg/Kg	1	5/23/2022 9:19:52 PM	67547
Surr: DNOP	109	51.1-141	%Rec	1	5/23/2022 9:19:52 PM	67547
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	5/19/2022 11:05:50 PM	67544
Surr: BFB	94.3	37.7-212	%Rec	5	5/19/2022 11:05:50 PM	67544
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.12	mg/Kg	5	5/19/2022 11:05:50 PM	67544
Toluene	ND	0.25	mg/Kg	5	5/19/2022 11:05:50 PM	67544
Ethylbenzene	ND	0.25	mg/Kg	5	5/19/2022 11:05:50 PM	67544
Xylenes, Total	ND	0.49	mg/Kg	5	5/19/2022 11:05:50 PM	67544
Surr: 4-Bromofluorobenzene	98.2	70-130	%Rec	5	5/19/2022 11:05:50 PM	67544

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

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Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-31

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 12:00:00 PM

 Lab ID:
 2205799-009
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	NAI
Chloride	200	61		mg/Kg	20	5/20/2022 11:52:38 AM	67596
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	SB
Diesel Range Organics (DRO)	2400	200		mg/Kg	20	5/23/2022 8:06:52 PM	67547
Motor Oil Range Organics (MRO)	1400	1000		mg/Kg	20	5/23/2022 8:06:52 PM	67547
Surr: DNOP	0	51.1-141	S	%Rec	20	5/23/2022 8:06:52 PM	67547
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	5/19/2022 11:29:16 PM	67544
Surr: BFB	155	37.7-212		%Rec	5	5/19/2022 11:29:16 PM	67544
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.12		mg/Kg	5	5/19/2022 11:29:16 PM	67544
Toluene	ND	0.25		mg/Kg	5	5/19/2022 11:29:16 PM	67544
Ethylbenzene	0.25	0.25		mg/Kg	5	5/19/2022 11:29:16 PM	67544
Xylenes, Total	ND	0.50		mg/Kg	5	5/19/2022 11:29:16 PM	67544
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5	5/19/2022 11:29:16 PM	67544

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

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Date Reported: 5/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-32

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/16/2022 12:30:00 PM

 Lab ID:
 2205799-010
 Matrix: SOIL
 Received Date: 5/18/2022 8:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	460	60		mg/Kg	20	5/20/2022 12:05:02 PM	67596
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	1100	93		mg/Kg	10	5/23/2022 12:23:56 PM	67548
Motor Oil Range Organics (MRO)	970	460		mg/Kg	10	5/23/2022 12:23:56 PM	67548
Surr: DNOP	0	51.1-141	S	%Rec	10	5/23/2022 12:23:56 PM	67548
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	5/19/2022 8:47:00 PM	67545
Surr: BFB	130	37.7-212		%Rec	5	5/19/2022 8:47:00 PM	67545
EPA METHOD 8021B: VOLATILES						Analyst	BRM
Benzene	ND	0.12		mg/Kg	5	5/19/2022 8:47:00 PM	67545
Toluene	ND	0.24		mg/Kg	5	5/19/2022 8:47:00 PM	67545
Ethylbenzene	ND	0.24		mg/Kg	5	5/19/2022 8:47:00 PM	67545
Xylenes, Total	ND	0.49		mg/Kg	5	5/19/2022 8:47:00 PM	67545
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5	5/19/2022 8:47:00 PM	67545

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

26-May-22

2205799

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67579 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67579 RunNo: 88138

Prep Date: 5/19/2022 Analysis Date: 5/19/2022 SeqNo: 3125317 Units: mq/Kq

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

Chloride ND 1.5

Sample ID: LCS-67579 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67579 RunNo: 88138

Prep Date: 5/19/2022 Analysis Date: 5/19/2022 SeqNo: 3125318 Units: mg/Kg

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

Analyte HighLimit Chloride 14 1.5 15.00 96.5 110

Sample ID: MB-67596 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67596 RunNo: 88190

Prep Date: 5/20/2022 Analysis Date: 5/20/2022 SeqNo: 3126542 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67596 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67596 RunNo: 88190

Prep Date: Analysis Date: 5/20/2022 5/20/2022 SeqNo: 3126543 Units: mg/Kg

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

14 Chloride 1.5 15.00 O 90.7 90 110

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

2205799 26-May-22

WO#:

Client: GHD Midland

Sample ID: MB-67548

Project: Gissler AV Tank Battery

Sample ID: LCS-67548	SampT	ype: LC	S	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	Batch ID: 67548 RunNo: 88170									
Prep Date: 5/19/2022	Analysis D	ate: 5/	20/2022	9	126893	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	43	10	50.00	0	85.8	64.4	127				
Surr: DNOP	5.0		5.000		101	51.1	141				

Client ID: PBS	Batch	ID: 67	548	F	RunNo: 8	8170				
Prep Date: 5/19/2022	Analysis D	ate: 5/ 3	20/2022	S	SeqNo: 3	126897	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		112	51.1	141			

TestCode: EPA Method 8015M/D: Diesel Range Organics

Sample ID: LCS-67547	SampT	ype: LC	s	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch	1D: 67	547	R	tunNo: 8	8170					
Prep Date: 5/18/2022	Analysis D	ate: 5/	20/2022	S	SeqNo: 3	126924	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	91.7	64.4	127				
Surr: DNOP	4.4		5.000		87.3	51.1	141				

Sample ID: MB-67547	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch	n ID: 67	547	F	RunNo: 8	8170					
Prep Date: 5/18/2022	Analysis D	ate: 5/	20/2022	\$	SeqNo: 3	126925	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		113	51.1	141				

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

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205799 26-May-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67544 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **67544** RunNo: **88115**

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124661 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 960 1000 96.3 37.7 212

Sample ID: Ics-67544 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 67544 RunNo: 88115

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124662 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 28 5.0 25.00 O 113 72.3 137 Surr: BFB S 2200 1000 223 37.7 212

Sample ID: Ics-67545 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS Batch ID: 67545 RunNo: 88144

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124750 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 100 72.3 137 Surr: BFB 37.7 1900 1000 191 212

Sample ID: mb-67545 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 67545 RunNo: 88144

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124752 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
 910
 1000
 90.6
 37.7
 212

 Sample ID: 2205799-010ams
 SampType: MS
 TestCode: EPA Method 8015D: Gasoline Range

Client ID: **SW-32** Batch ID: **67545** RunNo: **88144**

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124754 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 11.57 70 39 24.78 112 130 Surr: BFB 7600 4955 153 37.7 212

Sample ID: 2205799-010amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **SW-32** Batch ID: **67545** RunNo: **88144**

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124755 Units: mg/Kg

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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 13 of 15

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205799 26-May-22**

Qual

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2205799-010amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **SW-32** Batch ID: **67545** RunNo: **88144**

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124755 Units: mg/Kg

Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Result 25 11.57 1.03 20 Gasoline Range Organics (GRO) 40 24.75 114 70 130 Surr: BFB 7400 4950 150 37.7 212 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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 15

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205799 26-May-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67544 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 67544 RunNo: 88115

Prep Date: 5/18/2022 Analysis Date: 5/19/2022 SeqNo: 3124723 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 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.97 1.000 97.0 70 130

Sample ID: LCS-67544 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 67544 RunNo: 88115

Prep Date: 5/18/2022	Analysis Date: 5/19/2022			\$	SeqNo: 3124728 Units: mg/Kg			_J /Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.94	0.025	1.000	0	94.0	80	120						
Toluene	0.97	0.050	1.000	0	97.0	80	120						
Ethylbenzene	0.98	0.050	1.000	0	97.6	80	120						
Xylenes, Total	2.9	0.10	3.000	0	97.3	80	120						
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130						

Sample ID: Ics-67545	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	n ID: 67	545	F	RunNo: 8	B144				
Prep Date: 5/18/2022	Analysis D	Date: 5/	19/2022	8	SeqNo: 3	124827	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.1	80	120			
Toluene	0.97	0.050	1.000	0	96.9	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.2	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.4	70	130			

Sample ID: mb-67545	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batcl	h ID: 67	545	F	RunNo: 8	8144				
Prep Date: 5/18/2022	Analysis D	Date: 5/	19/2022	9	SeqNo: 3	124828	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								
V In the Table	ND	0.40								

Ethylbenzene	ND	0.050				
Xylenes, Total	ND	0.10				
Surr: 4-Bromofluorobenzene	0.90		1.000	89.7	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 15 of 15

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

LABORATORY

Client Name:	GHD Midland	Work Order Nur	mber: 2205799		RcptNo	o: 1
Received By:	Joseph Alderette	5/18/2022 8:27:00) AM	ju#		
Completed By:	Desiree Dominguez	5/18/2022 9:20:30	AM	T		
Reviewed By:	iada s	1.18.20		13		
Chain of Cust	tody					
1. Is Chain of Cu	stody complete?		Yes 🔽	No 🗌	Not Present	
2. How was the s	sample delivered?		Courier			
Log In						
A STATE OF THE STA	ot made to cool the samples	\$?	Yes 🗸	No 🗌	NA 🗆	
4. Were all sampl	les received at a temperatur	re of >0° C to 6.0°C	Yes 🔽	No 🗌	NA 🗆	
5. Sample(s) in p	roper container(s)?		Yes 🔽	No 🗌		
3. Sufficient samp	ole volume for indicated test	(s)?	Yes 🔽	No 🗌		
7. Are samples (e.	xcept VOA and ONG) prope	erly preserved?	Yes 🗸	No 🗌		
3. Was preservati	ve added to bottles?		Yes	No 🗸	NA 🗆	
Received at lea	st 1 vial with headspace <1	/4" for AQ VOA?	Yes	No 🗆	NA 🗹	
0. Were any samp	ole containers received brok	xen?	Yes 🗆	No 🗹	# of preserved	
	k match bottle labels?		Yes 🗸	No 🗌	bottles checked for pH:	>12 unless noted)
	rrectly identified on Chain o	f Custody?	Yes 🗸	No 🗌	Adjusted?	>12 unless noted)
	analyses were requested?		Yes 🗸	No 🗆	/	
4. Were all holding	times able to be met?		Yes 🔽	No 🗆	Checked by:	JN5/18/2
	ng (if applicable)				۷.	
	ied of all discrepancies with	this order?	Yes	No 🗌	NA 🗹	
Person N	otified:	Date				
By Whom	ii I	Via:		hone Fax	In Person	
Regarding	g:				m r crson	
Client Inst	tructions:					
3. Additional rema	arks:					
7. Cooler Informa		ing love the second				
Cooler No	Temp °C Condition S	Seal Intact Seal No	Seal Date	Signed By		

Client: GHD Mailing Address:	СНБ		CHD :			ν.	Ц					MILE	2	The state of the s	
Mailing A				Standard	Rich	750						9 = 1		ENVIRONMENTAL	
Mailing A				Project Name:		300				AL	SI	מ	A B	ANALYSIS LABORATOR	>
324 W	Addres	.s:		Second	12 11	K		www.h	ww side	<u>=</u>	www.hallenvironmental.com	menta	II.com		CD:
	Main S	t. Suite 10	324 W. Main St. Suite 108, Artesia NM 88210	Project #:		1	f	Tel 50	505-345-3075		phode	erque	NM,	Abuquerque, NM 87109	6/30
Phone #:	,,	(505)37	(505)377-4218	12<	16227			6	2	AA	Analysis Reguest	vsis Redunest	404	70	/202
email or Fax#:	Fax#:	Becky. F	Becky. Haskell@ghd.com	Project Manager:	ager:			Ļ	-		2 P		3 (22 3
QA/QC Package:	ackage			Becky Haskell) -				S		25.		ļuəs		:23:
□ Standard	lard		☐ Level 4 (Full Validation)	Tom Larson					WIS		†O-		sdA\		56 1
Accreditation:	ation:	□ Az C≀	□ Az Compliance	Sampler:	Zach Comin	0		1 280			02,1		_		PM ⁻
□ NELAC	ပ္	□ Other		On Ice:	X Yes	% □)8/9		_	IAI		_		
	EDD (Type)			# of Coolers:				səp		_	O3'		-		
	*			Cooler Temp(including cF):	(including CF): 5	2,5850-3		ioita		_					
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	X3TEX /	94 r808	DB (Me	8 ARON	3, F, Bi	9S) 07S	otal Col		
051622 C	0800	(1)	BH-34	Jan		100-	1	3		-	1				
J	0830		BH-35			-002	-						+		
0	000		BH-36			-003					-	\dagger	+		
0	0360		B4.31			h00-					L		F		
	1000		5W-27			200-						T	F		
=	080		\$12-28			700-						F	F		7
	1100		SW-29			+00-							F		
	NSO		SW-30			800-									
-	1200		SW-31			600-				-			-		
7	1250	>	25-MS	1		010-	/						A		
												\vdash			
Date: Ti	Time:	Relinquished by:	ed by:	Received by:	Via:	Date Time	Reg	arke.	0000			- 30	_		
77	0200	2cel 1	Course M.C.	Organia		N		Tom.I	arson(@ghd.	com; Z	ach.C	e@eo omino	Tom.Larson@ghd.com; Zach.Comino@ghd.com	
77/77	1900 900	Relinquish	Ime: Relinquished by: Received by: Via: Date Time Amber_Grifffin@eogresources.com; Along with Ber Amber_Grifffin@eogresources.com; Along with Ber Amber_Grifffin@eogresources.com; Along with Ber Amber_Griffin@eogresources.com; Along with Ber Amber_Griffin@eogresources.co	Received by:	Vià: Corc.Co	Date Time	∢	mber	ovie Sriffin	Thew. Deogram	Mattnew.Laughlin@ghd.com; in@eogresources.com: Along Haskell listed above.	in@gt es.con ed abo	id.con i: Aloi ve.	Mattnew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.	Page 3

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

June 02, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Tank Battery OrderNo.: 2205922

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 24 sample(s) on 5/20/2022 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-38

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/17/2022 3:00:00 PM

 Lab ID:
 2205922-001
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 1100 60 mg/Kg 20 5/25/2022 12:41:15 AM 67663 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 48 mg/Kg 5 5/27/2022 11:07:48 AM Motor Oil Range Organics (MRO) 580 5 240 mg/Kg 5/27/2022 11:07:48 AM 67724 Surr: DNOP 87.0 51.1-141 %Rec 5/27/2022 11:07:48 AM 67724 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/23/2022 12:11:00 PM Gasoline Range Organics (GRO) ND 5 67598 25 mg/Kg Surr: BFB 97.2 37.7-212 %Rec 5/23/2022 12:11:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 5/23/2022 12:11:00 PM 67598 Benzene 0.12 mg/Kg 5 Toluene ND 0.25 mg/Kg 5/23/2022 12:11:00 PM Ethylbenzene ND 0.25 mg/Kg 5 5/23/2022 12:11:00 PM 67598 Xylenes, Total ND 0.49 mg/Kg 5 5/23/2022 12:11:00 PM 67598 Surr: 4-Bromofluorobenzene 70-130 94.7 %Rec 5/23/2022 12:11:00 PM 67598

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 32

Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-39

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 8:05:00 AM

 Lab ID:
 2205922-002
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 610 60 mg/Kg 20 5/25/2022 1:18:19 AM 67663 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 47 mg/Kg 5 5/27/2022 11:35:07 AM Motor Oil Range Organics (MRO) 240 5 240 mg/Kg 5/27/2022 11:35:07 AM 67724 Surr: DNOP 95.0 51.1-141 %Rec 5/27/2022 11:35:07 AM 67724 Analyst: BRM **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 5/23/2022 1:11:00 PM 67598 5.0 mg/Kg 1 Surr: BFB 99.2 37.7-212 %Rec 5/23/2022 1:11:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 5/23/2022 1:11:00 PM 67598 Benzene 0.025 mg/Kg Toluene ND 0.050 mg/Kg 5/23/2022 1:11:00 PM 67598 Ethylbenzene ND 0.050 mg/Kg 1 5/23/2022 1:11:00 PM 67598 Xylenes, Total ND 0.099 mg/Kg 5/23/2022 1:11:00 PM 67598 Surr: 4-Bromofluorobenzene 70-130 88.0 %Rec 5/23/2022 1:11:00 PM 67598

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 2 of 32

2205922-003

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

EPA METHOD 8021B: VOLATILES

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Lab ID:

Analytical Report Lab Order 2205922

Received Date: 5/20/2022 7:05:00 AM

Date Reported: 6/2/2022

5/23/2022 1:30:00 PM

67598

67598

67598

67598

67598

67598

67598

Analyst: BRM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-40

Project: Gissler AV Tank Battery Collection Date: 5/18/2022 8:10:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 790 60 mg/Kg 20 5/25/2022 1:30:39 AM 67663 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 19 mg/Kg 2 5/27/2022 12:02:30 PM Motor Oil Range Organics (MRO) 430 2 97 mg/Kg 5/27/2022 12:02:30 PM 67724 Surr: DNOP 110 51.1-141 %Rec 5/27/2022 12:02:30 PM 67724 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM

4.9

37.7-212

0.024

0.049

0.049

0.098

70-130

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

ND

87.5

ND

ND

ND

ND

85.1

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 3 of 32

2205922-004

EPA METHOD 8015D: GASOLINE RANGE

Lab ID:

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2205922

Received Date: 5/20/2022 7:05:00 AM

Date Reported: 6/2/2022

5/23/2022 1:50:00 PM

5/23/2022 1:50:00 PM

Analyst: BRM

67598

67598

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-41

Project: Gissler AV Tank Battery Collection Date: 5/18/2022 8:15:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 790 60 mg/Kg 20 5/25/2022 12:36:24 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 49 mg/Kg 5 5/27/2022 12:29:48 PM Motor Oil Range Organics (MRO) 5 1100 250 mg/Kg 5/27/2022 12:29:48 PM 67724 Surr: DNOP 88.2 51.1-141 %Rec 5/27/2022 12:29:48 PM 67724

5/23/2022 1:50:00 PM Gasoline Range Organics (GRO) ND 67598 4.8 mg/Kg 1 Surr: BFB 89.8 37.7-212 %Rec 5/23/2022 1:50:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 1:50:00 PM 67598 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/23/2022 1:50:00 PM 67598 Ethylbenzene ND 0.048 mg/Kg 1 5/23/2022 1:50:00 PM 67598

0.095

70-130

mg/Kg

%Rec

ND

89.7

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 4 of 32

2205922-005

Lab ID:

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2205922

Received Date: 5/20/2022 7:05:00 AM

Date Reported: 6/2/2022

5/23/2022 2:10:00 PM

5/23/2022 2:10:00 PM

5/23/2022 2:10:00 PM

5/23/2022 2:10:00 PM

67598

67598

67598

67598

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-42

Project: Gissler AV Tank Battery Collection Date: 5/18/2022 8:20:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 670 60 mg/Kg 20 5/25/2022 12:48:48 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.8 mg/Kg 5/27/2022 12:57:00 PM Motor Oil Range Organics (MRO) 130 49 mg/Kg 1 5/27/2022 12:57:00 PM 67724 Surr: DNOP 88.7 51.1-141 %Rec 5/27/2022 12:57:00 PM 67724 Analyst: BRM **EPA METHOD 8015D: GASOLINE RANGE** 5/23/2022 2:10:00 PM Gasoline Range Organics (GRO) ND 67598 4.8 mg/Kg 1 Surr: BFB 86.1 37.7-212 %Rec 5/23/2022 2:10:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 2:10:00 PM 67598 Benzene mg/Kg

ND

ND

ND

85.7

0.048

0.048

0.096

70-130

mg/Kg

mg/Kg

mg/Kg

%Rec

1

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 5 of 32

Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-43

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 9:00:00 AM

 Lab ID:
 2205922-006
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 2400 60 mg/Kg 20 5/25/2022 1:01:12 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/25/2022 7:33:53 PM 67620 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/25/2022 7:33:53 PM 67620 Surr: DNOP 84.2 51.1-141 %Rec 5/25/2022 7:33:53 PM 67620 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/23/2022 2:49:00 PM 67598 4.8 mg/Kg 1 Surr: BFB 88.0 37.7-212 %Rec 5/23/2022 2:49:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 2:49:00 PM 67598 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/23/2022 2:49:00 PM 67598 Ethylbenzene ND 0.048 mg/Kg 1 5/23/2022 2:49:00 PM 67598 Xylenes, Total ND 0.096 mg/Kg 5/23/2022 2:49:00 PM 67598 Surr: 4-Bromofluorobenzene 70-130 88.2 %Rec 5/23/2022 2:49:00 PM 67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-44

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 9:05:00 AM

 Lab ID:
 2205922-007
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 930 60 mg/Kg 20 5/25/2022 1:38:25 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.5 mg/Kg 5/27/2022 1:24:07 PM 67724 Motor Oil Range Organics (MRO) 95 48 mg/Kg 1 5/27/2022 1:24:07 PM 67724 Surr: DNOP 78.0 51.1-141 %Rec 5/27/2022 1:24:07 PM 67724 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/23/2022 3:09:00 PM Gasoline Range Organics (GRO) ND 67598 4.7 mg/Kg 1 Surr: BFB 89.3 37.7-212 %Rec 5/23/2022 3:09:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.023 5/23/2022 3:09:00 PM 67598 mg/Kg Toluene ND 0.047 mg/Kg 5/23/2022 3:09:00 PM 67598 Ethylbenzene ND 0.047 mg/Kg 1 5/23/2022 3:09:00 PM 67598 Xylenes, Total ND 0.094 mg/Kg 5/23/2022 3:09:00 PM 67598 Surr: 4-Bromofluorobenzene 70-130 84.7 %Rec 5/23/2022 3:09:00 PM 67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-45

Project: Gissler AV Tank Battery **Collection Date:** 5/18/2022 9:10:00 AM

Lab ID: 2205922-008 **Matrix:** SOIL **Received Date:** 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	810	60	mg/Kg	20	5/25/2022 1:50:50 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/24/2022 11:55:13 PM	67620
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/24/2022 11:55:13 PM	67620
Surr: DNOP	94.3	51.1-141	%Rec	1	5/24/2022 11:55:13 PM	67620
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/23/2022 3:28:00 PM	67598
Surr: BFB	83.1	37.7-212	%Rec	1	5/23/2022 3:28:00 PM	67598
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/23/2022 3:28:00 PM	67598
Toluene	ND	0.049	mg/Kg	1	5/23/2022 3:28:00 PM	67598
Ethylbenzene	ND	0.049	mg/Kg	1	5/23/2022 3:28:00 PM	67598
Xylenes, Total	ND	0.099	mg/Kg	1	5/23/2022 3:28:00 PM	67598
Surr: 4-Bromofluorobenzene	83.3	70-130	%Rec	1	5/23/2022 3:28:00 PM	67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-46

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 9:15:00 AM

 Lab ID:
 2205922-009
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 1200 60 mg/Kg 20 5/25/2022 2:03:14 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.6 mg/Kg 5/25/2022 12:19:00 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/25/2022 12:19:00 AM 67620 Surr: DNOP 90.7 51.1-141 %Rec 5/25/2022 12:19:00 AM 67620 Analyst: BRM **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 5/23/2022 3:48:00 PM 67598 4.7 mg/Kg 1 Surr: BFB 86.3 37.7-212 %Rec 5/23/2022 3:48:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.024 5/23/2022 3:48:00 PM 67598 mg/Kg Toluene ND 0.047 mg/Kg 5/23/2022 3:48:00 PM 67598 Ethylbenzene ND 0.047 mg/Kg 1 5/23/2022 3:48:00 PM 67598 Xylenes, Total ND 0.095 mg/Kg 5/23/2022 3:48:00 PM 67598 Surr: 4-Bromofluorobenzene 70-130 84.8 %Rec 5/23/2022 3:48:00 PM 67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-47

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 9:20:00 AM

 Lab ID:
 2205922-010
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 240 60 mg/Kg 20 5/25/2022 2:40:27 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.5 mg/Kg 5/25/2022 8:32:42 PM 67620 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/25/2022 8:32:42 PM 67620 47 Surr: DNOP 91.1 51.1-141 %Rec 5/25/2022 8:32:42 PM 67620 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/23/2022 4:08:00 PM 67598 4.8 mg/Kg 1 Surr: BFB 85.8 37.7-212 %Rec 5/23/2022 4:08:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 4:08:00 PM 67598 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/23/2022 4:08:00 PM 67598 Ethylbenzene ND 0.048 mg/Kg 1 5/23/2022 4:08:00 PM 67598 Xylenes, Total ND 0.096 mg/Kg 5/23/2022 4:08:00 PM 67598 Surr: 4-Bromofluorobenzene 70-130 85.1 %Rec 5/23/2022 4:08:00 PM 67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-48

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 10:00:00 AM

 Lab ID:
 2205922-011
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	2100	59	mg/Kg	20	5/25/2022 2:52:51 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	89	9.7	mg/Kg	1	5/27/2022 12:21:04 PM	67737
Motor Oil Range Organics (MRO)	150	49	mg/Kg	1	5/27/2022 12:21:04 PM	67737
Surr: DNOP	97.8	51.1-141	%Rec	1	5/27/2022 12:21:04 PM	67737
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/23/2022 4:27:00 PM	67598
Surr: BFB	85.8	37.7-212	%Rec	1	5/23/2022 4:27:00 PM	67598
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/23/2022 4:27:00 PM	67598
Toluene	ND	0.049	mg/Kg	1	5/23/2022 4:27:00 PM	67598
Ethylbenzene	ND	0.049	mg/Kg	1	5/23/2022 4:27:00 PM	67598
Xylenes, Total	ND	0.098	mg/Kg	1	5/23/2022 4:27:00 PM	67598
Surr: 4-Bromofluorobenzene	86.1	70-130	%Rec	1	5/23/2022 4:27:00 PM	67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-49

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 10:05:00 AM

 Lab ID:
 2205922-012
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 1600 60 mg/Kg 20 5/25/2022 3:05:16 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/25/2022 1:53:25 AM 67620 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/25/2022 1:53:25 AM 67620 48 Surr: DNOP 105 51.1-141 %Rec 5/25/2022 1:53:25 AM 67620 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/23/2022 4:47:00 PM 67598 4.8 mg/Kg 1 Surr: BFB 85.9 37.7-212 %Rec 5/23/2022 4:47:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 4:47:00 PM 67598 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/23/2022 4:47:00 PM 67598 Ethylbenzene ND 0.048 mg/Kg 1 5/23/2022 4:47:00 PM 67598 Xylenes, Total ND 0.097 mg/Kg 5/23/2022 4:47:00 PM 67598 Surr: 4-Bromofluorobenzene 70-130 84.9 %Rec 5/23/2022 4:47:00 PM 67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-50

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 10:10:00 AM

 Lab ID:
 2205922-013
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: LRN
Chloride	1700	60	mg/Kg	20	5/25/2022 3:17:40 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/25/2022 9:31:32 PM	67620
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/25/2022 9:31:32 PM	67620
Surr: DNOP	86.8	51.1-141	%Rec	1	5/25/2022 9:31:32 PM	67620
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/23/2022 5:07:00 PM	67598
Surr: BFB	86.5	37.7-212	%Rec	1	5/23/2022 5:07:00 PM	67598
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	ND	0.023	mg/Kg	1	5/23/2022 5:07:00 PM	67598
Toluene	ND	0.047	mg/Kg	1	5/23/2022 5:07:00 PM	67598
Ethylbenzene	ND	0.047	mg/Kg	1	5/23/2022 5:07:00 PM	67598
Xylenes, Total	ND	0.094	mg/Kg	1	5/23/2022 5:07:00 PM	67598
Surr: 4-Bromofluorobenzene	88.0	70-130	%Rec	1	5/23/2022 5:07:00 PM	67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-51

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 10:15:00 AM

 Lab ID:
 2205922-014
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 1900 60 mg/Kg 20 5/25/2022 3:30:05 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 38 9.6 mg/Kg 5/27/2022 11:32:31 AM Motor Oil Range Organics (MRO) 65 48 mg/Kg 1 5/27/2022 11:32:31 AM 67737 Surr: DNOP 90.8 51.1-141 %Rec 5/27/2022 11:32:31 AM 67737 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/23/2022 5:26:00 PM Gasoline Range Organics (GRO) ND 67598 4.9 mg/Kg 1 Surr: BFB 84.8 37.7-212 %Rec 5/23/2022 5:26:00 PM 67598 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 5:26:00 PM 67598 Benzene mg/Kg Toluene ND 0.049 mg/Kg 5/23/2022 5:26:00 PM 67598 Ethylbenzene ND 0.049 mg/Kg 1 5/23/2022 5:26:00 PM 67598 Xylenes, Total ND 0.097 mg/Kg 5/23/2022 5:26:00 PM 67598 Surr: 4-Bromofluorobenzene 85.2 70-130 %Rec 5/23/2022 5:26:00 PM 67598

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-52

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/18/2022 10:20:00 AM

 Lab ID:
 2205922-015
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	1900	60	mg/Kg	20	5/25/2022 4:07:17 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	40	9.9	mg/Kg	1	5/27/2022 3:00:05 PM	67737
Motor Oil Range Organics (MRO)	84	50	mg/Kg	1	5/27/2022 3:00:05 PM	67737
Surr: DNOP	91.4	51.1-141	%Rec	1	5/27/2022 3:00:05 PM	67737
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/23/2022 5:46:00 PM	67598
Surr: BFB	82.3	37.7-212	%Rec	1	5/23/2022 5:46:00 PM	67598
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/23/2022 5:46:00 PM	67598
Toluene	ND	0.048	mg/Kg	1	5/23/2022 5:46:00 PM	67598
Ethylbenzene	ND	0.048	mg/Kg	1	5/23/2022 5:46:00 PM	67598
Xylenes, Total	ND	0.096	mg/Kg	1	5/23/2022 5:46:00 PM	67598
Surr: 4-Bromofluorobenzene	83.1	70-130	%Rec	1	5/23/2022 5:46:00 PM	67598

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

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Analytical Report

Lab Order **2205922**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/2/2022

CLIENT: GHD Midland Client Sample ID: SW-33

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/19/2022 9:00:00 AM

 Lab ID:
 2205922-016
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride ND 60 mg/Kg 20 5/25/2022 4:19:42 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.8 mg/Kg 5/23/2022 5:30:35 PM 67607 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 5/23/2022 5:30:35 PM 67607 Surr: DNOP 82.7 51.1-141 %Rec 5/23/2022 5:30:35 PM 67607 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/23/2022 7:44:00 PM 67603 4.9 mg/Kg 1 Surr: BFB 89.3 37.7-212 %Rec 5/23/2022 7:44:00 PM 67603 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.024 5/23/2022 7:44:00 PM 67603 mg/Kg Toluene ND 0.049 mg/Kg 5/23/2022 7:44:00 PM 67603 Ethylbenzene ND 0.049 mg/Kg 1 5/23/2022 7:44:00 PM 67603 Xylenes, Total ND 0.098 mg/Kg 5/23/2022 7:44:00 PM 67603 Surr: 4-Bromofluorobenzene 70-130 86.5 %Rec 5/23/2022 7:44:00 PM 67603

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

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Date Reported: 6/2/2022

5/23/2022 8:43:00 PM

5/23/2022 8:43:00 PM

5/23/2022 8:43:00 PM

5/23/2022 8:43:00 PM

67603

67603

67603

67603

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-53

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/19/2022 9:05:00 AM

 Lab ID:
 2205922-017
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 1200 60 mg/Kg 20 5/25/2022 4:32:06 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 19 mg/Kg 2 5/24/2022 1:52:22 PM 67607 Motor Oil Range Organics (MRO) 280 2 97 mg/Kg 5/24/2022 1:52:22 PM 67607 Surr: DNOP 99.3 51.1-141 %Rec 5/24/2022 1:52:22 PM 67607 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 5/23/2022 8:43:00 PM Gasoline Range Organics (GRO) ND 5 67603 24 mg/Kg Surr: BFB 93.8 37.7-212 %Rec 5/23/2022 8:43:00 PM 67603 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 5/23/2022 8:43:00 PM 67603 0.12 mg/Kg 5

ND

ND

ND

93.6

0.24

0.24

0.48

70-130

mg/Kg

mg/Kg

mg/Kg

%Rec

5

5

5

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

Qualifiers:

Toluene

Ethylbenzene

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 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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-54

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/19/2022 10:00:00 AM

 Lab ID:
 2205922-018
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 1400 60 mg/Kg 20 5/25/2022 4:44:30 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.8 mg/Kg 5/24/2022 9:44:45 PM 67607 Motor Oil Range Organics (MRO) 110 49 mg/Kg 1 5/24/2022 9:44:45 PM 67607 Surr: DNOP 61.7 51.1-141 %Rec 5/24/2022 9:44:45 PM 67607 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/23/2022 9:42:00 PM 67603 4.8 mg/Kg Surr: BFB 94.9 37.7-212 %Rec 5/23/2022 9:42:00 PM 67603 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 9:42:00 PM 67603 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/23/2022 9:42:00 PM 67603 Ethylbenzene ND 0.048 mg/Kg 1 5/23/2022 9:42:00 PM 67603 Xylenes, Total ND 0.096 mg/Kg 5/23/2022 9:42:00 PM 67603 Surr: 4-Bromofluorobenzene 70-130 93.3 %Rec 5/23/2022 9:42:00 PM 67603

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

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-55

Project: Gissler AV Tank Battery Collection Date: 5/19/2022 10:05:00 AM

Lab ID: 2205922-019 **Matrix:** SOIL **Received Date:** 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	780	60	mg/Kg	20	5/25/2022 5:21:42 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/23/2022 6:14:47 PM	67607
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/23/2022 6:14:47 PM	67607
Surr: DNOP	78.1	51.1-141	%Rec	1	5/23/2022 6:14:47 PM	67607
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/23/2022 10:02:00 PM	67603
Surr: BFB	83.4	37.7-212	%Rec	1	5/23/2022 10:02:00 PM	67603
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/23/2022 10:02:00 PM	67603
Toluene	ND	0.048	mg/Kg	1	5/23/2022 10:02:00 PM	67603
Ethylbenzene	ND	0.048	mg/Kg	1	5/23/2022 10:02:00 PM	67603
Xylenes, Total	ND	0.096	mg/Kg	1	5/23/2022 10:02:00 PM	67603
Surr: 4-Bromofluorobenzene	83.6	70-130	%Rec	1	5/23/2022 10:02:00 PM	67603

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

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CLIENT: GHD Midland

Analytical Report

Lab Order **2205922**Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-56

Project: Gissler AV Tank Battery Collection Date: 5/19/2022 10:10:00 AM

Lab ID: 2205922-020 **Matrix:** SOIL **Received Date:** 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	470	60	mg/Kg	20	5/25/2022 5:34:06 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	:: SB
Diesel Range Organics (DRO)	28	8.5	mg/Kg	1	5/23/2022 6:45:14 PM	67607
Motor Oil Range Organics (MRO)	52	43	mg/Kg	1	5/23/2022 6:45:14 PM	67607
Surr: DNOP	98.7	51.1-141	%Rec	1	5/23/2022 6:45:14 PM	67607
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/23/2022 10:22:00 PM	67603
Surr: BFB	84.4	37.7-212	%Rec	1	5/23/2022 10:22:00 PM	67603
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.024	mg/Kg	1	5/23/2022 10:22:00 PM	67603
Toluene	ND	0.047	mg/Kg	1	5/23/2022 10:22:00 PM	67603
Ethylbenzene	ND	0.047	mg/Kg	1	5/23/2022 10:22:00 PM	67603
Xylenes, Total	ND	0.095	mg/Kg	1	5/23/2022 10:22:00 PM	67603
Surr: 4-Bromofluorobenzene	84.8	70-130	%Rec	1	5/23/2022 10:22:00 PM	67603

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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-34

Project: Gissler AV Tank Battery Collection Date: 5/19/2022 11:00:00 AM Lab ID: 2205922-021 Matrix: SOIL Received Date: 5/20/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 190 60 mg/Kg 20 5/25/2022 5:46:30 PM 67683 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/23/2022 7:15:39 PM 67607 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/23/2022 7:15:39 PM 67607 49 Surr: DNOP 87.0 51.1-141 %Rec 5/23/2022 7:15:39 PM 67607 Analyst: BRM **EPA METHOD 8015D: GASOLINE RANGE** 5/23/2022 10:41:00 PM Gasoline Range Organics (GRO) ND 67603 4.9 mg/Kg Surr: BFB 84.1 37.7-212 %Rec 5/23/2022 10:41:00 PM **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/23/2022 10:41:00 PM 67603 Benzene mg/Kg Toluene ND 0.049 mg/Kg 5/23/2022 10:41:00 PM Ethylbenzene ND 0.049 mg/Kg 1 5/23/2022 10:41:00 PM 67603 Xylenes, Total ND 0.097 mg/Kg 5/23/2022 10:41:00 PM 67603 Surr: 4-Bromofluorobenzene 70-130 86.1 %Rec 5/23/2022 10:41:00 PM 67603

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 interference
- Analyte detected in the associated Method Blank
- Е Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range

Reporting Limit

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CLIENT: GHD Midland

Analytical Report Lab Order 2205922

Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-57

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/19/2022 12:00:00 PM

 Lab ID:
 2205922-022
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LRN
Chloride	950	60	mg/Kg	20	5/25/2022 5:58:54 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ED
Diesel Range Organics (DRO)	80	9.3	mg/Kg	1	5/27/2022 3:46:01 PM	67607
Motor Oil Range Organics (MRO)	91	46	mg/Kg	1	5/27/2022 3:46:01 PM	67607
Surr: DNOP	114	51.1-141	%Rec	1	5/27/2022 3:46:01 PM	67607
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	23	mg/Kg	5	5/23/2022 11:01:00 PM	67603
Surr: BFB	97.6	37.7-212	%Rec	5	5/23/2022 11:01:00 PM	67603
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.12	mg/Kg	5	5/23/2022 11:01:00 PM	67603
Toluene	ND	0.23	mg/Kg	5	5/23/2022 11:01:00 PM	67603
Ethylbenzene	ND	0.23	mg/Kg	5	5/23/2022 11:01:00 PM	67603
Xylenes, Total	ND	0.46	mg/Kg	5	5/23/2022 11:01:00 PM	67603
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	5	5/23/2022 11:01:00 PM	67603

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

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Analytical Report Lab Order 2205922

Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-58

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/19/2022 12:05:00 PM

 Lab ID:
 2205922-023
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	550	60	mg/Kg	20	5/25/2022 6:36:07 PM	67683
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	42	9.6	mg/Kg	1	5/23/2022 8:15:38 PM	67607
Motor Oil Range Organics (MRO)	67	48	mg/Kg	1	5/23/2022 8:15:38 PM	67607
Surr: DNOP	88.0	51.1-141	%Rec	1	5/23/2022 8:15:38 PM	67607
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/23/2022 11:21:00 PM	67603
Surr: BFB	89.4	37.7-212	%Rec	1	5/23/2022 11:21:00 PM	67603
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/23/2022 11:21:00 PM	67603
Toluene	ND	0.047	mg/Kg	1	5/23/2022 11:21:00 PM	67603
Ethylbenzene	ND	0.047	mg/Kg	1	5/23/2022 11:21:00 PM	67603
Xylenes, Total	ND	0.094	mg/Kg	1	5/23/2022 11:21:00 PM	67603
Surr: 4-Bromofluorobenzene	91.5	70-130	%Rec	1	5/23/2022 11:21:00 PM	67603

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

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Analytical Report Lab Order 2205922

Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-59

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/19/2022 12:10:00 PM

 Lab ID:
 2205922-024
 Matrix: SOIL
 Received Date: 5/20/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	820	60	mg/Kg	20	5/25/2022 7:17:35 PM	67690
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	53	9.4	mg/Kg	1	5/23/2022 8:45:42 PM	67607
Motor Oil Range Organics (MRO)	80	47	mg/Kg	1	5/23/2022 8:45:42 PM	67607
Surr: DNOP	73.0	51.1-141	%Rec	1	5/23/2022 8:45:42 PM	67607
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/23/2022 11:40:00 PM	67603
Surr: BFB	89.3	37.7-212	%Rec	1	5/23/2022 11:40:00 PM	67603
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/23/2022 11:40:00 PM	67603
Toluene	ND	0.049	mg/Kg	1	5/23/2022 11:40:00 PM	67603
Ethylbenzene	ND	0.049	mg/Kg	1	5/23/2022 11:40:00 PM	67603
Xylenes, Total	ND	0.098	mg/Kg	1	5/23/2022 11:40:00 PM	67603
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	5/23/2022 11:40:00 PM	67603

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205922 02-Jun-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67663 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67663 RunNo: 88242

Prep Date: 5/24/2022 Analysis Date: 5/24/2022 SeqNo: 3129332 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67663 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67663 RunNo: 88242

Prep Date: 5/24/2022 Analysis Date: 5/24/2022 SeqNo: 3129333 Units: mg/Kg

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

 Analyte
 Result
 PQL
 SPK value
 SPK Ref Val
 %REC
 LowLimit
 HighLimit

 Chloride
 14
 1.5
 15.00
 0
 93.6
 90
 110

Sample ID: MB-67683 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 67683 RunNo: 88280 Analysis Date: 5/25/2022 Prep Date: 5/25/2022 SeqNo: 3130697 Units: mg/Kg Result POI SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte I owl imit HighLimit

Chloride ND 1.5

Sample ID: LCS-67683 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67683 RunNo: 88280

Prep Date: 5/25/2022 Analysis Date: 5/25/2022 SeqNo: 3130698 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.5 90 110

Sample ID: MB-67690 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **67690** RunNo: **88285**

Prep Date: 5/25/2022 Analysis Date: 5/25/2022 SeqNo: 3130981 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67690 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67690 RunNo: 88285

Prep Date: 5/25/2022 Analysis Date: 5/25/2022 SeqNo: 3130982 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 95.1 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 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

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Hall Environmental Analysis Laboratory, Inc.

2205922 02-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Project: Gissier A	A v Tank Battery	
Sample ID: LCS-67607	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 67607	RunNo: 88200
Prep Date: 5/20/2022	Analysis Date: 5/23/2022	SeqNo: 3127567 Units: mg/Kg
Analyte		SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	58 10 50.00	0 116 64.4 127
Surr: DNOP	6.4 5.000	127 51.1 141
Sample ID: MB-67607	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 67607	RunNo: 88200
Prep Date: 5/20/2022	Analysis Date: 5/23/2022	SeqNo: 3127570 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	132 51.1 141
Sample ID: MB-67620	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 67620	RunNo: 88252
Prep Date: 5/23/2022	Analysis Date: 5/24/2022	SeqNo: 3129528 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	9.5 10.00	95.3 51.1 141
Sample ID: MB-67666	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 67666	RunNo: 88263
Prep Date: 5/24/2022	Analysis Date: 5/26/2022	SeqNo: 3131422 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	10 10.00	101 51.1 141
Sample ID: LCS-67666	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 67666	RunNo: 88263
Prep Date: 5/24/2022	Analysis Date: 5/26/2022	SeqNo: 3131423 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	5.4 5.000	108 51.1 141
Sample ID: MB-67680	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 67680	RunNo: 88246
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3132682 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205922**

02-Jun-22

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67680	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67680			F	RunNo: 88246						
Prep Date: 5/25/2022	Analysis Dat	te: 5/2	26/2022	5	SeqNo: 31	132682	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	9.3		10.00		93.1	51.1	141		-	-	

Sample ID: LCS-67680	SampType: LCS	TestCode: EPA Method 8	015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 67680	RunNo: 88246	
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3132685	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DMOD	4.7 5.000	02.1 51.1	1.11

Sample ID: LCS-67737	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Or								Organics	
Client ID: LCSS	Batch	n ID: 677	7 37	F	RunNo: 8	3332				
Prep Date: 5/26/2022	Analysis D	oate: 5/ 2	27/2022	5	SeqNo: 3	132996	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	80.3	64.4	127			
Surr: DNOP	4.1		5.000		81.2	51.1	141			

Sample ID: MB-67737	SampT	ype: ME	BLK	Tes	Organics					
Client ID: PBS	Batch	n ID: 67 7	737	F	RunNo: 88	3332				
Prep Date: 5/26/2022	Analysis D	Date: 5/ 2	27/2022	5	SeqNo: 31	132997	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	9.2		10.00		92.1	51.1	141			

Sample ID: MB-67724	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	d 8015M/D: Diesel Range Organics				
Client ID: PBS	Batch	n ID: 677	724	F	RunNo: 88	3333					
Prep Date: 5/26/2022	Analysis D	ate: 5/ 2	27/2022	5	SeqNo: 31	133132	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	8.5		10.00		85.0	51.1	141				

Sample ID: LCS-67724	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 67724	RunNo: 88333	
Prep Date: 5/26/2022	Analysis Date: 5/27/2022	SeqNo: 3133133 Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit	Qual

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

4.7

2205922 02-Jun-22

WO#:

Client: GHD Midland

Surr: DNOP

Project: Gissler AV Tank Battery

Sample ID: LCS-67724 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 67724 RunNo: 88333 Prep Date: 5/26/2022 Analysis Date: 5/27/2022 SeqNo: 3133133 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 50 10 50.00 101 64.4 127

93.8

51.1

141

5.000

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

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Hall Environmental Analysis Laboratory, Inc.

2205922 02-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Project:	Gissler A	V Tank Ba	ittery								
Sample ID:	lcs-67598	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	LCSS	Batch	ID: 675	598	F	RunNo: 88	3207				
Prep Date:	5/20/2022	Analysis D	ate: 5/ 2	23/2022	9	SeqNo: 31	127028	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	26	5.0	25.00	0	104	72.3	137			
Surr: BFB		2000		1000		198	37.7	212			
Sample ID:	mb-67598	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batch	ID: 67 5	598	F	RunNo: 88	3207				
Prep Date:	5/20/2022	Analysis D	ate: 5/ 2	23/2022	9	SeqNo: 31	127029	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	ND	5.0	4000		05.0	27.7	040			
Surr: BFB		960		1000		95.9	37.7	212			
Sample ID:	lcs-67603		ype: LC		Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	LCSS	Batch	ID: 676	603	F	RunNo: 88	3207				
Prep Date:	5/20/2022	Analysis D	ate: 5/ 2	23/2022	8	SeqNo: 31	127053	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	24	5.0	25.00	0	96.1	72.3	137			
Surr: BFB		2000		1000		198	37.7	212			
Sample ID:	mb-67603	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batch	ID: 676	603	F	RunNo: 88	3207				
Prep Date:	5/20/2022	Analysis D	ate: 5/ 2	23/2022	8	SeqNo: 31	127054	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	ND	5.0	4000		05.5	07.7	040			
Surr: BFB		850		1000		85.5	37.7	212			
Sample ID:	2205922-016ams	SampT	ype: MS	3	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	SW-33	Batch	ID: 676	603	F	RunNo: 88	3207				
Prep Date:	5/20/2022	Analysis D	ate: 5/ 2	23/2022	\$	SeqNo: 31	127056	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
_	ge Organics (GRO)	23	4.8	24.18	0	94.0	70	130			
Surr: BFB		1900		967.1		194	37.7	212			
Sample ID:	2205922-016amsd	SampT	ype: MS	SD.	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	SW-33	Batch	ID: 676	603	F	RunNo: 88	3207				
Prep Date:	5/20/2022	Analysis D	ate: 5/ 2	23/2022	\$	SeqNo: 31	127057	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205922** *02-Jun-22*

Qual

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2205922-016amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **SW-33** Batch ID: **67603** RunNo: **88207**

Prep Date: 5/20/2022 Analysis Date: 5/23/2022 SeqNo: 3127057 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Gasoline Range Organics (GRO) 24 4.8 23.90 0 101 70 130 5.59 20 Surr: BFB 1900 956.0 197 37.7 212 0 0

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

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

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205922 02-Jun-22**

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: Ics-67598	SampType: LCS TestCode: EPA Method 80					8021B: Volati	iles					
Client ID: LCSS	Batch ID: 67598 RunNo					nNo: 88207						
Prep Date: 5/20/2022	Analysis D	Date: 5/2	23/2022	5	SeqNo: 3127080 Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.97	0.025	1.000	0	97.0	80	120					
Toluene	0.99	0.050	1.000	0	98.6	80	120					
Ethylbenzene	0.99	0.050	1.000	0	99.0	80	120					
Xylenes, Total	3.0	0.10	3.000	0	98.7	80	120					
Surr: 4-Bromofluorobenzene	0.95		1.000		95.5	70	130					

Sample ID: mb-67598	Samp1	уре: МЕ	BLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batcl	n ID: 675	598	F	RunNo: 8	8207						
Prep Date: 5/20/2022	Analysis D	Date: 5/ 2	23/2022	5	SeqNo: 3	127081	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												
Surr: 4-Bromofluorobenzene	0.95		1.000		95.0	70	130					

Sample ID: 2205922-001ams	SampT	ype: MS	;	Tes	tCode: EF					
Client ID: BH-38	Batch	ID: 675	598	F	RunNo: 88	3207				
Prep Date: 5/20/2022	Analysis D	ate: 5/2	23/2022	5	SeqNo: 31	127083	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.12	0.9852	0	95.5	68.8	120			
Toluene	0.99	0.25	0.9852	0	100	73.6	124			
Ethylbenzene	1.0	0.25	0.9852	0	101	72.7	129			
Xylenes, Total	3.0	0.49	2.956	0	101	75.7	126			
Surr: 4-Bromofluorobenzene	4.9		4.926		98.6	70	130			

Sample ID: 2205922-001amsd	SampT	ype: MS	D	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-38	Batch	n ID: 675	598	F	RunNo: 88	3207				
Prep Date: 5/20/2022	Analysis D	Date: 5/2	23/2022	5	SeqNo: 31	127084	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.12	0.9852	0	93.4	68.8	120	2.14	20	
Toluene	0.96	0.25	0.9852	0	97.7	73.6	124	2.52	20	
Ethylbenzene	0.97	0.25	0.9852	0	98.1 72.7		129 2.98		20	
Xylenes, Total	2.9 0.49 2.95			0 99.1 75.7		126	2.15	20		
Surr: 4-Bromofluorobenzene	4.9		4.926		99.1	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

2205922 02-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: Ics-67603	Samp	Гуре: LC :	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	h ID: 676	603	F	RunNo: 88	3207				
Prep Date: 5/20/2022	Analysis [Date: 5/2	23/2022	5	SeqNo: 31	127099	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	94.1	80	120			
Toluene	0.95	0.050	1.000	0	95.0	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0 94.0		80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000	90.4 70			130			

Sample ID: mb-67603	Samp1	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	n ID: 676	603	F	RunNo: 8	3207				
Prep Date: 5/20/2022	Analysis [Date: 5/ 2	23/2022	5	SeqNo: 3	127100	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	0.89 1.000				88.7	70	130			

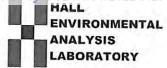
Sample ID: 2205922-017ams	SampT	Гуре: МЅ	3	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-53	Batcl	h ID: 67 6	603	F	RunNo: 8	3207				
Prep Date: 5/20/2022	Analysis D	Date: 5/ 2	23/2022	5	SeqNo: 3	127103	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.12	0.9794	0	90.3	68.8	120			
Toluene	0.94	0.24	0.9794	0	96.2	73.6	124			
Ethylbenzene	0.95	0.24	0.9794	0	96.6 72.7		129			
Xylenes, Total	2.9 0.49 2.938			3 0 97.4 75.7			126			
Surr: 4-Bromofluorobenzene	4.7		4.897		95.7	70	130			

Sample ID: 2205922-017amsd	SampT	ype: MS	SD	Tes	tCode: EF	les				
Client ID: BH-53	Batch	n ID: 676	603	F	RunNo: 88	3207				
Prep Date: 5/20/2022	Analysis D	oate: 5/ 2	23/2022	5	SeqNo: 31	127104	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.12	0.9588	0	94.4	68.8	120	2.32	20	
Toluene	0.96	0.24	0.9588	0	100	73.6	124	1.73	20	
Ethylbenzene	0.96	0.24	0.9588	0	100 72.7		7 129 1.64		20	
Xylenes, Total	2.9	0.48	2.876	0	101	75.7	126	1.80	20	
Surr: 4-Bromofluorobenzene	4.5 4.794				93.9	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
- 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

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

Sample Log-In Check List

Albuquerque, NM 87109 Sample L EL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

	umber: 2205922		RcptNo: 1
Received By: Juan Rojas 5/20/2022 7:05:0	00 AM	Glandy	
Completed By: Juan Rojas 5/20/2022 7:31:4	18 AM	Harring .	
Reviewed By: \$5-20-22			
Chain of Custody			
, Is Chain of Custody complete?	Yes 🗸	No 🗌	Not Present
How was the sample delivered?	Courier		
Log In			
. Was an attempt made to cool the samples?	Yes 🔽	No 🗌	NA 🔲
. Were all samples received at a temperature of >0° C to 6.0°C	Yes 🔽	No 🗌	NA 🗆
Sample(s) in proper container(s)?	Yes 🗹	No 🔲	
Sufficient sample volume for indicated test(s)?	Yes 🗸	No 🗌	
Are samples (except VOA and ONG) properly preserved?	Yes 🗸	No 🗌	
. Was preservative added to bottles?	Yes	No 🗸	NA 🗌
. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹
). Were any sample containers received broken?	Yes 🗆	No 🗸	# of preserved
. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🔽	No 🗌	bottles checked for pH:
Are matrices correctly identified on Chain of Custody?	Yes 🗸	No 🗌	(<2 or >12 unless noted) Adjusted?
Is it clear what analyses were requested?	Yes 🗸	No 🗌	
. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗸	No 🗆	Checked by: Just 20(22
ecial Handling (if applicable)		/	
5. Was client notified of all discrepancies with this order?	Yes	No 🗌	NA 🗸
Person Notified: Date	e		
By Whom: Via:	eMail F	Phone Fax	In Person
By Whom: Via:			
Regarding: Client Instructions:			

Project Name Proj	Charles Char	O	hain	1-of-C	Chain-of-Custody Record	Turn-Around	Time:			-						
Project Name Proj	Project Name Proj	Client:				© Standard	78	5-6		Ì		STA	ש אוויי		MENIA	
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Watrix Sample Name Preservative	Vatrix Sample Name # of Cooler Temporaumorors # of Cooler Temporarors # of	□ NEL	AC			On Ice:	X Yes	□ No	05		S	V "		_		
Sample Name Container Preservative HEAL No. St. 19 St.	Natrix Sample Name Container Tempressurgers: C-0.12.1.C. No. 12.0. Employer of the property of the		(Type)			# of Coolers:	1		49)		etal		ΟΛ-			
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13/1-45	BH-45 BH-47 COLVER COL	-1	chos	-	-			5007								
BH-4C BH-4C Compared by: Via: Date Time Received by: Via: Date Time Amber_Griffin@eogresources.com; Along with Becky Compared by: Compared	BH-46 BH-46 Color Colo		0160					200-								
BH-47 BH-48 Beceived by: Via: Date Time Amber_Griffin@eogresources.com; Amber_Griffin@eogresources.com; Amber_Griffin@eogresources.com; Amber_Griffin@eogresources.com; Amber_Griffin@eogresources.com; Along with Becky Britary Blacks	BH-47 BH-48 BH-49 O12 Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Chase_Settle@eogresources.c		315		BH-46			1009								
BH-48 BH-49 O12 O12 O12 O12 O13	BH-48 BH-49 Companies		cho		BH.47			010								
BH- 49 Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com; Amber_Griffin@eogresources.com; Along with Becky Haskell listed above.	Received by: Re		1000		1			110-								
Received by: Re	Received by: Date Time Remarks: Please email: Chase_Settle@eogresources.com; Amber_Griffin@eogresources.com; Amber_Griffin@eo	→	1005	1	,	4		210	4 4					7		
Received by: Received by: Amber_Griffin@eogresources.com; Along with Becky Amber_Griffin@eogresources.com; Along with Becky Amber_Griffin@eogresources.com; Along with Becky Amber_Griffin@eogresources.com; Along with Becky	Received by: Amber_Griffin@eogresources.com; Along with Becky Amber_Griffin@eogresources.com; Along with Becky Haskell listed above. Direct Bill to EOG Chase Settle amples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	Date:			hed by:	Received by:	Via:	Date Tim	Remark	s: Pleas m.Lars	se emai on@gho	Chas Lcom;	e_Settl	le@eo comino	gresources.co	m;
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	amples submitted to Hall Environmental may be subcontracted to offner accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	212/6	4 190	000	mun 12	1/s	LOUNTER	2018 5105/2	l	1	Has	skell lis	ted abo	ove.) of	ge 40
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u.	Project Name:	30		4	W halle	SIS	MALYSIS LABO	ANALYSIS LABORATORY www.hallenvironmental.com	by 00
Mailing Address:	Gissley A Tenk	Balker	4901	4901 Hawkins NE -	NE - 4	Ipndne	due, NN	Albuquerque, NM 87109	CD: 6
324 W. Main St. Suite 108, Artesia NM 88210	Project #:	1	Tel. 5	505-345-3975	3975	Fax 5	Fax 505-345-4107	4107	0/30/
(505)377-4218	12563391			, , , , , , , , , , , , , , , , , , ,	Ana	llysis R	Analysis Request		202.
Becky. Haskell@ghd.com	Project Manager:		_		-0	†O.	(ţu		2 3:.
	Becky Haskell		AM			S '*(pse		23:5
☐ Level 4 (Full Validation)	Tom Larson		/ 08			0 1	A\tu		66 P.
☐ Az Compliance	Sampler: Zach Comino		\ DE	(r.				000	<u>M</u>
	On Ice: X Yes	□ No	05	₽O9	8			e po	
1#	# of Coolers; (49)	g po	etals		_	oute	_
	Cooler Temp(including cF): . 6	5-0-15	12D	oqjəl	∍M 8	(AO)		e Me	_
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Turn-Around Time: HALL ENVIRONMENTAL ANALYSIS LABORATORY of Project Name ANALYSIS LABORATORY ANALYSIS	www.hallenvironmental.com	37109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	(1)	BOS1 WS SB's MS	Oq IIISO	0mino 10.250 1.200 1.200	X Yes	BEE (GReed of Control	astice ethoethoy y 83 Me ir, N OA)	Container Preservative HEAL No. TYPE AND TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYPE	1 2 2 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3/1/1	210-	720-	120-	229-	220-	h20-	4	Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com; \[\lambda
Time:	יספרו אמוופי	AU		12563531	1	ecky Haskell	om Larson		X Yes	of Coolers: \	1.6	Preservative Type	2	七10-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	610-	7020-	120-	229-	5	120-		V_{ia} : Date Tir $\int_{1}^{1} \sqrt{1} \sqrt{1}$
Client: GHD Client GHD		Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Becky. Haskell@ghd.com	зде:	☐ Standard ☐ Level 4 (Full Validation) ☐	n: 🗆 Az Compliance	□ Other	(ed		Date Time Matrix Sample Name		ے	18H-54	- BLA	100 RH-56	160 SW-34	1200 BH-57		1 120 4 BH-59		Date: Time: Relinquished by: Safara osco Cacl Couring (2011)



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

June 03, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Tank Battery OrderNo.: 2205A91

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 13 sample(s) on 5/25/2022 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-60

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 7:00:00 AM

 Lab ID:
 2205A91-001
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 280 60 mg/Kg 20 5/31/2022 4:48:32 PM 67789 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 9.8 mg/Kg 5/28/2022 2:27:01 PM 67711 Motor Oil Range Organics (MRO) 170 49 mg/Kg 1 5/28/2022 2:27:01 PM 67711 Surr: DNOP 92.2 51.1-141 %Rec 5/28/2022 2:27:01 PM 67711 Analyst: BRM **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 5/27/2022 12:29:00 AM 67698 4.8 mg/Kg Surr: BFB 89.4 37.7-212 %Rec 5/27/2022 12:29:00 AM **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/27/2022 12:29:00 AM 67698 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/27/2022 12:29:00 AM Ethylbenzene ND 0.048 mg/Kg 1 5/27/2022 12:29:00 AM 67698 Xylenes, Total ND 0.095 mg/Kg 5/27/2022 12:29:00 AM 67698 Surr: 4-Bromofluorobenzene 70-130 91.5 %Rec 5/27/2022 12:29:00 AM 67698

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

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2205A91-002

Surr: 4-Bromofluorobenzene

Lab ID:

Analytical Report Lab Order 2205A91

Received Date: 5/25/2022 7:15:00 AM

Date Reported: 6/3/2022

5/27/2022 12:48:00 AM

67698

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-61

Project: Gissler AV Tank Battery Collection Date: 5/20/2022 7:05:00 AM

Matrix: SOIL

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 820 60 mg/Kg 20 5/31/2022 5:38:11 PM 67791 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 9.7 mg/Kg 5/28/2022 10:51:45 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/28/2022 10:51:45 AM 67711 Surr: DNOP 5/28/2022 10:51:45 AM 67711 70.2 51.1-141 %Rec **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/27/2022 12:48:00 AM 67698 4.9 mg/Kg Surr: BFB 89.2 37.7-212 %Rec 5/27/2022 12:48:00 AM 67698 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.025 5/27/2022 12:48:00 AM Benzene mg/Kg 67698 Toluene ND 0.049 mg/Kg 5/27/2022 12:48:00 AM Ethylbenzene ND 0.049 mg/Kg 1 5/27/2022 12:48:00 AM 67698 Xylenes, Total ND 0.099 mg/Kg 5/27/2022 12:48:00 AM 67698

92.1

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
- 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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-62

Project: Gissler AV Tank Battery **Collection Date:** 5/20/2022 7:10:00 AM

Lab ID: 2205A91-003 **Matrix:** SOIL **Received Date:** 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	550	60	mg/Kg	20	5/31/2022 6:15:25 PM	67791
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: ED
Diesel Range Organics (DRO)	15	9.8	mg/Kg	1	5/28/2022 11:15:25 AM	67711
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/28/2022 11:15:25 AM	67711
Surr: DNOP	68.6	51.1-141	%Rec	1	5/28/2022 11:15:25 AM	67711
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/27/2022 1:08:00 AM	67698
Surr: BFB	84.3	37.7-212	%Rec	1	5/27/2022 1:08:00 AM	67698
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	ND	0.025	mg/Kg	1	5/27/2022 1:08:00 AM	67698
Toluene	ND	0.049	mg/Kg	1	5/27/2022 1:08:00 AM	67698
Ethylbenzene	ND	0.049	mg/Kg	1	5/27/2022 1:08:00 AM	67698
Xylenes, Total	ND	0.098	mg/Kg	1	5/27/2022 1:08:00 AM	67698
Surr: 4-Bromofluorobenzene	86.1	70-130	%Rec	1	5/27/2022 1:08:00 AM	67698

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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-63

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:00:00 AM

 Lab ID:
 2205A91-004
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 1900 60 mg/Kg 20 5/31/2022 5:00:57 PM 67789 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 85 9.8 mg/Kg 5/28/2022 2:50:43 PM 67711 Motor Oil Range Organics (MRO) 80 49 mg/Kg 1 5/28/2022 2:50:43 PM 67711 Surr: DNOP 97.6 51.1-141 %Rec 5/28/2022 2:50:43 PM 67711 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/27/2022 1:28:00 AM 67698 4.8 mg/Kg 1 Surr: BFB 88.6 37.7-212 %Rec 5/27/2022 1:28:00 AM 67698 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/27/2022 1:28:00 AM 67698 Benzene mg/Kg Toluene ND 0.048 mg/Kg 5/27/2022 1:28:00 AM 67698 Ethylbenzene ND 0.048 mg/Kg 1 5/27/2022 1:28:00 AM 67698 Xylenes, Total ND 0.097 mg/Kg 5/27/2022 1:28:00 AM 67698 Surr: 4-Bromofluorobenzene 70-130 89.4 %Rec 5/27/2022 1:28:00 AM 67698

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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-35

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:05:00 AM

 Lab ID:
 2205A91-005
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 190 60 mg/Kg 20 5/31/2022 6:27:49 PM 67791 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 37 9.3 mg/Kg 5/28/2022 12:02:40 PM Motor Oil Range Organics (MRO) ND mg/Kg 1 5/28/2022 12:02:40 PM 67711 47 Surr: DNOP 80.0 51.1-141 %Rec 5/28/2022 12:02:40 PM 67711 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/27/2022 1:47:00 AM 67698 5.0 mg/Kg 1 Surr: BFB 89.6 37.7-212 %Rec 5/27/2022 1:47:00 AM 67698 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.025 5/27/2022 1:47:00 AM 67698 Benzene mg/Kg Toluene ND 0.050 mg/Kg 5/27/2022 1:47:00 AM 67698 Ethylbenzene ND 0.050 mg/Kg 1 5/27/2022 1:47:00 AM 67698 Xylenes, Total ND 0.10 mg/Kg 5/27/2022 1:47:00 AM 67698 Surr: 4-Bromofluorobenzene 70-130 93.6 %Rec 5/27/2022 1:47:00 AM 67698

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

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Date Reported: 6/3/2022

5/27/2022 2:07:00 AM

5/27/2022 2:07:00 AM

5/27/2022 2:07:00 AM

5/27/2022 2:07:00 AM

67698

67698

67698

67698

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-36

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:10:00 AM

 Lab ID:
 2205A91-006
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 180 60 mg/Kg 20 5/31/2022 6:40:14 PM 67791 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 9.9 mg/Kg 5/28/2022 12:26:19 PM Motor Oil Range Organics (MRO) ND mg/Kg 1 5/28/2022 12:26:19 PM 67711 50 Surr: DNOP 78.0 51.1-141 %Rec 5/28/2022 12:26:19 PM 67711 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/27/2022 2:07:00 AM 67698 4.8 mg/Kg 1 Surr: BFB 89.1 37.7-212 %Rec 5/27/2022 2:07:00 AM 67698 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/27/2022 2:07:00 AM 67698 Benzene mg/Kg

ND

ND

ND

90.1

0.048

0.048

0.096

70-130

mg/Kg

mg/Kg

mg/Kg

%Rec

1

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

Qualifiers:

Toluene

Ethylbenzene

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 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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-64

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:15:00 AM

 Lab ID:
 2205A91-007
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 340 60 mg/Kg 20 5/31/2022 6:52:39 PM 67791 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 16 10 mg/Kg 5/28/2022 12:50:00 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 5/28/2022 12:50:00 PM 67711 Surr: DNOP 95.4 51.1-141 %Rec 5/28/2022 12:50:00 PM 67711 Analyst: BRM **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 5/27/2022 2:26:00 AM 67698 4.7 mg/Kg 1 Surr: BFB 84.3 37.7-212 %Rec 5/27/2022 2:26:00 AM 67698 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.023 5/27/2022 2:26:00 AM 67698 Benzene mg/Kg Toluene ND 0.047 mg/Kg 5/27/2022 2:26:00 AM 67698 Ethylbenzene ND 0.047 mg/Kg 1 5/27/2022 2:26:00 AM 67698 Xylenes, Total ND 0.093 mg/Kg 5/27/2022 2:26:00 AM 67698 Surr: 4-Bromofluorobenzene 70-130 87.6 %Rec 5/27/2022 2:26:00 AM 67698

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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-65

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:30:00 AM

 Lab ID:
 2205A91-008
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 660 60 mg/Kg 20 5/31/2022 7:05:04 PM 67791 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 76 9.2 mg/Kg 5/28/2022 6:17:28 PM 67711 Motor Oil Range Organics (MRO) 100 46 mg/Kg 1 5/28/2022 6:17:28 PM 67711 Surr: DNOP 87.4 51.1-141 %Rec 5/28/2022 6:17:28 PM 67711 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/27/2022 2:46:00 AM 67698 4.7 mg/Kg 1 Surr: BFB 91.2 37.7-212 %Rec 5/27/2022 2:46:00 AM 67698 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.023 5/27/2022 2:46:00 AM 67698 Benzene mg/Kg Toluene ND 0.047 mg/Kg 5/27/2022 2:46:00 AM 67698 Ethylbenzene ND 0.047 mg/Kg 1 5/27/2022 2:46:00 AM 67698 Xylenes, Total ND 0.094 mg/Kg 5/27/2022 2:46:00 AM 67698 Surr: 4-Bromofluorobenzene 70-130 91.1 %Rec 5/27/2022 2:46:00 AM 67698

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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-66

Project: Gissler AV Tank Battery Collection Date: 5/20/2022 8:35:00 AM

Lab ID: 2205A91-009 **Matrix:** SOIL **Received Date:** 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	930	60	mg/Kg	20	5/31/2022 7:42:17 PM	67791
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	95	9.8	mg/Kg	1	5/28/2022 6:41:40 PM	67711
Motor Oil Range Organics (MRO)	110	49	mg/Kg	1	5/28/2022 6:41:40 PM	67711
Surr: DNOP	86.4	51.1-141	%Rec	1	5/28/2022 6:41:40 PM	67711
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/27/2022 3:06:00 AM	67698
Surr: BFB	84.1	37.7-212	%Rec	1	5/27/2022 3:06:00 AM	67698
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/27/2022 3:06:00 AM	67698
Toluene	ND	0.048	mg/Kg	1	5/27/2022 3:06:00 AM	67698
Ethylbenzene	ND	0.048	mg/Kg	1	5/27/2022 3:06:00 AM	67698
Xylenes, Total	ND	0.095	mg/Kg	1	5/27/2022 3:06:00 AM	67698
Surr: 4-Bromofluorobenzene	86.2	70-130	%Rec	1	5/27/2022 3:06:00 AM	67698

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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-67

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:40:00 AM

 Lab ID:
 2205A91-010
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	470	59	mg/Kg	20	5/31/2022 7:54:41 PM	67791
EPA METHOD 8015D MOD: GASOLINE RANGE	į				Analyst	:: JR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/26/2022 5:57:33 PM	67701
Surr: BFB	110	70-130	%Rec	1	5/26/2022 5:57:33 PM	67701
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/27/2022 3:13:50 PM	67713
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/27/2022 3:13:50 PM	67713
Surr: DNOP	87.6	51.1-141	%Rec	1	5/27/2022 3:13:50 PM	67713
EPA METHOD 8260B: VOLATILES SHORT LIST	Г				Analyst	:: JR
Benzene	ND	0.024	mg/Kg	1	5/26/2022 5:57:33 PM	67701
Toluene	ND	0.049	mg/Kg	1	5/26/2022 5:57:33 PM	67701
Ethylbenzene	ND	0.049	mg/Kg	1	5/26/2022 5:57:33 PM	67701
Xylenes, Total	ND	0.098	mg/Kg	1	5/26/2022 5:57:33 PM	67701
Surr: 1,2-Dichloroethane-d4	104	70-130	%Rec	1	5/26/2022 5:57:33 PM	67701
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	5/26/2022 5:57:33 PM	67701
Surr: Dibromofluoromethane	117	70-130	%Rec	1	5/26/2022 5:57:33 PM	67701
Surr: Toluene-d8	98.4	70-130	%Rec	1	5/26/2022 5:57:33 PM	67701

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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-68

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:45:00 AM

 Lab ID:
 2205A91-011
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	800	61	mg/Kg	20	5/31/2022 8:07:05 PM	67791
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analys	t: JR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/26/2022 7:23:38 PM	67701
Surr: BFB	110	70-130	%Rec	1	5/26/2022 7:23:38 PM	67701
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: JME
Diesel Range Organics (DRO)	210	10	mg/Kg	1	5/27/2022 3:57:14 PM	67713
Motor Oil Range Organics (MRO)	210	50	mg/Kg	1	5/27/2022 3:57:14 PM	67713
Surr: DNOP	74.7	51.1-141	%Rec	1	5/27/2022 3:57:14 PM	67713
EPA METHOD 8260B: VOLATILES SHORT LIS	Т				Analys	t: JR
Benzene	ND	0.025	mg/Kg	1	5/26/2022 7:23:38 PM	67701
Toluene	ND	0.050	mg/Kg	1	5/26/2022 7:23:38 PM	67701
Ethylbenzene	ND	0.050	mg/Kg	1	5/26/2022 7:23:38 PM	67701
Xylenes, Total	ND	0.10	mg/Kg	1	5/26/2022 7:23:38 PM	67701
Surr: 1,2-Dichloroethane-d4	106	70-130	%Rec	1	5/26/2022 7:23:38 PM	67701
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	5/26/2022 7:23:38 PM	67701
Surr: Dibromofluoromethane	117	70-130	%Rec	1	5/26/2022 7:23:38 PM	67701
Surr: Toluene-d8	99.5	70-130	%Rec	1	5/26/2022 7:23:38 PM	67701

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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-69

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:50:00 AM

 Lab ID:
 2205A91-012
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 510 59 mg/Kg 20 5/31/2022 8:44:18 PM 67791 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: **JR** Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 5/26/2022 8:49:30 PM Surr: BFB 108 70-130 %Rec 1 5/26/2022 8:49:30 PM 67701 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 340 9.6 mg/Kg 5/27/2022 4:18:57 PM 67713 Motor Oil Range Organics (MRO) 200 1 48 mg/Kg 5/27/2022 4:18:57 PM 67713 Surr: DNOP 90.4 %Rec 5/27/2022 4:18:57 PM 67713 51.1-141 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JR ND 5/26/2022 8:49:30 PM 67701 Benzene 0.025 mg/Kg 1 Toluene ND 0.049 mg/Kg 5/26/2022 8:49:30 PM 67701 Ethylbenzene ND 0.049 mg/Kg 1 5/26/2022 8:49:30 PM 67701 Xylenes, Total ND 0.099 mg/Kg 5/26/2022 8:49:30 PM 67701 Surr: 1,2-Dichloroethane-d4 102 70-130 %Rec 5/26/2022 8:49:30 PM 67701 Surr: 4-Bromofluorobenzene 101 70-130 %Rec 5/26/2022 8:49:30 PM 67701 Surr: Dibromofluoromethane 117 70-130 %Rec 1 5/26/2022 8:49:30 PM 67701 Surr: Toluene-d8 99.6 70-130 %Rec 5/26/2022 8:49:30 PM 67701

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

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Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-37

 Project:
 Gissler AV Tank Battery
 Collection Date: 5/20/2022 8:55:00 AM

 Lab ID:
 2205A91-013
 Matrix: SOIL
 Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	t: JMT
Chloride	200	60	mg/Kg	20	5/31/2022 8:56:42 PM	67791
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	t: JR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/26/2022 9:18:03 PM	67701
Surr: BFB	109	70-130	%Rec	1	5/26/2022 9:18:03 PM	67701
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	t: JME
Diesel Range Organics (DRO)	9.9	9.6	mg/Kg	1	5/27/2022 4:40:42 PM	67713
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/27/2022 4:40:42 PM	67713
Surr: DNOP	72.0	51.1-141	%Rec	1	5/27/2022 4:40:42 PM	67713
EPA METHOD 8260B: VOLATILES SHORT LIST	-				Analyst	t: JR
Benzene	ND	0.025	mg/Kg	1	5/26/2022 9:18:03 PM	67701
Toluene	ND	0.050	mg/Kg	1	5/26/2022 9:18:03 PM	67701
Ethylbenzene	ND	0.050	mg/Kg	1	5/26/2022 9:18:03 PM	67701
Xylenes, Total	ND	0.099	mg/Kg	1	5/26/2022 9:18:03 PM	67701
Surr: 1,2-Dichloroethane-d4	104	70-130	%Rec	1	5/26/2022 9:18:03 PM	67701
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	5/26/2022 9:18:03 PM	67701
Surr: Dibromofluoromethane	111	70-130	%Rec	1	5/26/2022 9:18:03 PM	67701
Surr: Toluene-d8	99.4	70-130	%Rec	1	5/26/2022 9:18:03 PM	67701

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

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Hall Environmental Analysis Laboratory, Inc.

2205A91 03-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67789 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67789 RunNo: 88375

Prep Date: 5/31/2022 Analysis Date: 5/31/2022 SeqNo: 3135630 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67789 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67789 RunNo: 88375

Prep Date: 5/31/2022 Analysis Date: 5/31/2022 SeqNo: 3135631 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 91.8 90 110

Sample ID: MB-67791 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67791 RunNo: 88375

Prep Date: 5/31/2022 Analysis Date: 5/31/2022 SeqNo: 3135632 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67791 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67791 RunNo: 88375

Prep Date: 5/31/2022 Analysis Date: 5/31/2022 SeqNo: 3135633 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 95.1 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205A91** *03-Jun-22*

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-67680	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67680	RunNo: 88246						
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3132682 Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual						
Surr: DNOP	9.3 10.00	93.1 51.1 141						
Sample ID: LCS-67680	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67680	RunNo: 88246						

Client ID:	LCSS	Batch	ID: 67 6	680	F	RunNo: 88	3246				
Prep Date:	5/25/2022	Analysis D	ate: 5/ 2	26/2022	5	SeqNo: 31	132685	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		4.7		5.000		93.1	51.1	141			

Sample ID: MB-67711	SampT	ype: MB	LK	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch	ID: 677	'11	F	RunNo: 88	3246					
Prep Date: 5/26/2022	Analysis D	ate: 5/2	28/2022	5	SeqNo: 31	133637	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	8.7		10.00		87.1	51.1	141				

Sample ID: LCS-67711	S	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	F	RunNo: 88	3246							
Prep Date: 5/26/2022	Analysis D	oate: 5/2	28/2022	5	SeqNo: 31	133639	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.6	64.4	127		•	
Surr: DNOP										

Sample ID: MB-67713	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch	n ID: 677	713	F	RunNo: 88	3321					
Prep Date: 5/26/2022	Analysis D	oate: 5/ 2	27/2022	5	SeqNo: 31	133778	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	9.2		10.00		92.2	51.1	141				

Sample ID: LCS-67713	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 67713	RunNo: 88321
Prep Date: 5/26/2022	Analysis Date: 5/27/2022	SeqNo: 3133779 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

2205A91 03-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: LCS-67713	SampT	ype: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 67713 RunNo:					3321					
Prep Date: 5/26/2022	Analysis D	ate: 5/2	27/2022	9	SeqNo: 31	133779	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	50	10	50.00	0	99.1	64.4	127				
Surr: DNOP	4.1		5.000		82.4	51.1	141				

Sample ID: 2205A91-010AMS	SampT	ype: MS	;	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH-67	Batch	n ID: 67 7	713	F	RunNo: 88	3321					
Prep Date: 5/26/2022	Analysis D	Date: 5/ 2	27/2022	5	SeqNo: 31	133805	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	42	9.5	47.57	8.681	70.5	36.1	154				
Surr: DNOP	2.9		4.757		61.7	51.1	141				

Sample ID:	2205A91-010AMSD	SampT	ype: MS	D	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	BH-67	Batch	ID: 677	′13	RunNo: 88321							
Prep Date:	5/26/2022	Analysis D	ate: 5/2	27/2022	9	SeqNo: 31	133806	Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range C	Organics (DRO)	50	9.5	47.57	8.681	87.1	36.1	154	17.1	33.9		
Surr: DNOP		2.8		4.757		59.3	51.1	141	0	0		

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

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

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

2205A91 03-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: Ics-67698 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 67698 RunNo: 88315 Units: mg/Kg Prep Date: 5/25/2022 Analysis Date: 5/26/2022 SeqNo: 3131904 **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual Gasoline Range Organics (GRO) 27 5.0 25.00 0 108 72.3 137 Surr: BFB 2000 1000 200 37.7 212

Sample ID: mb-67698 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 67698 RunNo: 88315 Prep Date: Analysis Date: 5/26/2022 5/25/2022 SeqNo: 3131905 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO)

Surr: BFB

ND 5.0 870

1000

87.3

37.7

212

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

RLReporting Limit Page 17 of 21

Hall Environmental Analysis Laboratory, Inc.

2205A91 03-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: Ics-67698	TestCode: EPA Method 8021B: Volatiles										
Client ID: LCSS	nt ID: LCSS Batch ID: 67698			F	RunNo: 8						
Prep Date: 5/25/2022	rep Date: 5/25/2022 Analysis Date: 5/26/2022			9	SeqNo: 3	131955	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.96	0.025	1.000	0	95.9	80	120				
Toluene	0.96	0.050	1.000	0	96.4	80	120				
Ethylbenzene	0.95	0.050	1.000	0	94.6	80	120				
Xylenes, Total 2.8 0.10 3.000		3.000	0	94.5	80	120					
Surr: 4-Bromofluorobenzene	0.91		1.000		90.9	70	130				

Sample ID: mb-67698 Sam		Гуре: МЕ	BLK	Tes						
Client ID: PBS Batch ID: 67698				F						
Prep Date: 5/25/2022	ep Date: 5/25/2022 Analysis Date: 5/26/2022 SeqNo: 3131956 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	0.90		1.000		89.8	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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205A91** *03-Jun-22*

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2205a91-011ams	Samp	Гуре: МЅ	4	TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: BH-68	Batcl	h ID: 677	'01	F	RunNo: 88322					
Prep Date: 5/25/2022	Analysis [Date: 5/2	26/2022	5	SeqNo: 31	132347	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9785	0	106	63.5	137			
Toluene	1.1	0.049	0.9785	0	110	77.6	127			
Ethylbenzene	1.1	0.049	0.9785	0	114	77.9	129			
Xylenes, Total	3.4	0.098	2.935	0	115	76.8	127			
Surr: 1,2-Dichloroethane-d4	0.51		0.4892		104	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.4892		102	70	130			
Surr: Dibromofluoromethane	0.57		0.4892		117	70	130			
Surr: Toluene-d8	0.48		0.4892		98.1	70	130			

Sample ID: 2205a91-011amsd	SampType: MSD4			TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: BH-68	Batc	Batch ID: 67701			RunNo: 88322					
Prep Date: 5/25/2022	Analysis Date: 5/26/2022			SeqNo: 3132348			Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9709	0	104	63.5	137	2.91	20	
Toluene	1.1	0.049	0.9709	0	111	77.6	127	0.301	20	
Ethylbenzene	1.1	0.049	0.9709	0	114	77.9	129	1.38	20	
Xylenes, Total	3.3	0.097	2.913	0	114	76.8	127	1.14	20	
Surr: 1,2-Dichloroethane-d4	0.51		0.4854		105	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.48		0.4854		97.9	70	130	0	0	
Surr: Dibromofluoromethane	0.55		0.4854		113	70	130	0	0	
Surr: Toluene-d8	0.49		0.4854		100	70	130	0	0	

Sample ID: Ics-67701	Samp	ype: LC	S4	TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BatchQC	Batcl	n ID: 677	701	RunNo: 88322							
Prep Date: 5/25/2022	Analysis [Date: 5/2	26/2022	5	SeqNo: 3132369		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	0.98	0.050	1.000	0	97.8	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: 1,2-Dichloroethane-d4	0.52		0.5000		104	70	130				
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.1	70	130				
Surr: Dibromofluoromethane	0.56		0.5000		113	70	130				
Surr: Toluene-d8	0.49		0.5000		97.2	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

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Hall Environmental Analysis Laboratory, Inc.

2205A91 03-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: mb-67701 Client ID: PBS	TestCode: EPA Method 8260B: Volatiles Short List RunNo: 88322									
Prep Date: 5/25/2022	Analysis Date: 5/26/2022		SeqNo: 3132370			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: 1,2-Dichloroethane-d4	0.52		0.5000		103	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		100	70	130			
Surr: Dibromofluoromethane	0.58		0.5000		115	70	130			
Surr: Toluene-d8	0.50		0.5000		100	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

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Hall Environmental Analysis Laboratory, Inc.

2205A91 03-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: 2205a91-010ams	Samp	Туре: МЅ	;	TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: BH-67	Batc	h ID: 677	701	F	RunNo: 8	3322					
Prep Date: 5/25/2022	Analysis [Date: 5/ 2	26/2022	9	SeqNo: 3	132375	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	28	4.7	23.67	1.636	113	61.1	127				
Surr: BFB	490		473.5		104	70	130				
Sample ID: 2205a91-010amsd	Samp	Туре: МЅ	SD .	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline R	Range		
Client ID: BH-67	Batc	h ID: 677	701	RunNo: 88322							

		,,								
Client ID: BH-67	Batch	1D: 677	701	F	RunNo: 8	3322				
Prep Date: 5/25/2022	Analysis D	ate: 5/ 2	26/2022	5	SeqNo: 3	132376	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.8	24.04	1.636	98.7	61.1	127	11.3	20	
Surr: BFB	500		480.8		104	70	130	0	0	

Sample ID: Ics-67701	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline R	ange	
Client ID: LCSS	Batch	ID: 677	7 01	F	RunNo: 88	3322				
Prep Date: 5/25/2022	Analysis D	ate: 5/2	26/2022	9	SeqNo: 31	132396	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.6	70	130			
Surr: BFB	510		500.0		102	70	130			

Sample ID: mb-67701	SampT	уре: МЕ	BLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch	n ID: 677	701	F	RunNo: 8	8322						
Prep Date: 5/25/2022	Analysis D	Date: 5/ 2	26/2022	5	SeqNo: 3	132397	Units: mg/K	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	ND	5.0										
Surr: BFB	550		500.0		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 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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

ENVIRONMENTAL ANALYSIS LABORATORY

Client Name:	GHD Midland	Work Order Num	nber: 2205	A91		Rcptl	No: 1
Received By:	Juan Rojas	5/25/2022 7:15:00	AM		Glans	9	
Completed By:	Sean Livingston	5/25/2022 8:29:53	AM		<	Something the second se	
Reviewed By:	TML	5/25/2			J	Lyon	
Chain of Cus	stody						
1. Is Chain of C	Custody complete?		Yes	V	No [Not Present]
2. How was the	e sample delivered?		Courie	<u>er</u>			
Log In							
3. Was an atter	mpt made to cool the samp	ples?	Yes	V	No [NA 🗆	ſ
4. Were all sam	ples received at a tempera	ature of >0° C to 6.0°C	Yes	V	No [NA 🗆	ľ.
5. Sample(s) in	proper container(s)?		Yes [/	No 🗆]	
6. Sufficient san	nple volume for indicated t	est(s)?	Yes		No 🗆	i	
7. Are samples	(except VOA and ONG) pr	operly preserved?	Yes 5	1	No 🗆	la contraction of the contractio	
8. Was preserva	ative 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 sai	mple containers received b	oroken?	Yes		No 🗸	# of preserved	
	ork match bottle labels? ancies on chain of custody)	Yes 🖸		No 🗆		or >12 unless noted)
2. Are matrices	correctly identified on Chai	n of Custody?	Yes V		No 🗌	Adjusted?	
	t analyses were requested	?	Yes N		No 🗌		VIII.
	ng times able to be met? ustomer for authorization.)		Yes •		No 🗌	Checked by:	KPL 5. 25.
Special Handi	ling (if applicable)						
	otified of all discrepancies	with this order?	Yes [No [NA 🗹	
Person	Notified:	Date:					
By Who	om:	Via:	eMail	□Р	hone 🔲 Fa	x In Person	
Regard	7						
Client I	nstructions:						
16. Additional re	marks:						
17. Cooler Infor	The same of the sa	Jensey America					
Cooler No	The second secon	Seal Intact Seal No	Seal Date	9	Signed By		
1	2.3 Good						

Ing Address:							1			PIDI			
Project Name Proj	Client: GHD		X Standard		15-S.				VATA				AL
In St. Sulle 108, Artesia NM 88210 Project # Project Manager:			Project Name		1		(·					2	Z
W. Main St. Suite 108 Artesia NM 88210 Project #	failing Address:		1000	Z (D)		4901	v Hawkin	WWW.II.all		mental.	COM 874	. 0	
	24 W. Main St. Suite 108,	Artesia NM 88210	Project #:		0		505-34	5-3975		505-341	5-4107	0	
Sample S		4218		1	16			Ā	nalvsis	Regules	2 70		
Sample: Samp	15	skell@ghd.com	Project Mana	er:		_							
Sampler: Zech Comino Tom Larson Tom Largon Tom Larson Tom Largon Tom La	A/QC Package:		Becky Haske	=		NRC)S "	uəs			
Fig. Container Preservative Factor Continuo Factor Container Factor Contain		☐ Level 4 (Full Validation)	Tom Larson			1/0			ю	dA∖t	100.2		
FELAC Contest Contes		pliance	Sampler:	Zach Coming	0	Aa	(1		O ^{S'}	uəs			
Example Cooler Templement CF; 73-6-2-3 Fig. Cooler Templement CF; 73-6-3-3 Fig. Cooler Templement CF; 73-6-3-3 Fig. Fig. Cooler Templement CF; 73-6-3-3 Fig.			On Ice:	X Yes	oN 🗆	10	·Þ0	Į,	N '				
E Time Matrix Sample Name Type and # Type The month Type Type The month Type The month Type T	I EDD (Type)		# of Coolers:			SGR	g po	tals					
Time Matrix Sample Name Type and # Type			Cooler Temp	(including CF).	.3-022.3	I 2D	eţpo	əΜ (
SH-60 Sh-6	Time Matrix	Sample Name		Preservative Type		.08:Hd	M) 80	8 AAD					
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CRNO SH - L7 CRNO CRNO SL - 35 CRNO C	OVO				200								
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Rec	HALL ENVIRONMENTAL	DRATORY	environmental.com	- Albuquerque, NM 87109	505-345-4107	Analysis Request	(Jue	o ^{4,}	d 's	NO ()	o 0 slg , _E () A()'	rea Mets NO (A (A-im	B (Me Hs by F, Br; 0 (√C 0 (Sei 10 (√C) 0 (Sei 10 (otide l	PAI CI, I 826 827 Tota							Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com	Amber_Griffin@eogresources.com: Along with Becky
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Turn-Around Time:	- Standar	Project Name:	7	Project #:			Project Manager	Tom Larson	Sampler	On Ice:	# of Coolers	Cooler Temp(including CF):	Container	Type and #	18						Received by:	Acceived by
Chain-of-Custody Record	Client: GHD		Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	(505)377-4	E254.	QA/QC Package:	☐ Standard ☐ Level 4 (Full Validation)		Other.			7	Matrix	C5.MS S 5880 28250						22 080 Ccc Compared Dr. Time: Relinquished by:	The Chairman



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

June 07, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Battery OrderNo.: 2205B73

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 19 sample(s) on 5/26/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-38

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 8:00:00 AM

 Lab ID:
 2205B73-001
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: ЈМТ
Chloride	76	60	mg/Kg	20	6/1/2022 5:25:22 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	: ED
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/27/2022 11:47:48 PM	67736
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/27/2022 11:47:48 PM	67736
Surr: DNOP	92.8	51.1-141	%Rec	1	5/27/2022 11:47:48 PM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Surr: BFB	89.1	37.7-212	%Rec	1	5/28/2022 12:44:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Surr: 4-Bromofluorobenzene	91.4	70-130	%Rec	1	5/28/2022 12:44:00 AM	67728

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

rting Limit Page 1 of 26

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-39

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 8:05:00 AM

 Lab ID:
 2205B73-002
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	6/1/2022 5:37:46 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/28/2022 12:11:37 AM	67736
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/28/2022 12:11:37 AM	67736
Surr: DNOP	52.5	51.1-141	%Rec	1	5/28/2022 12:11:37 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Surr: BFB	86.2	37.7-212	%Rec	1	5/28/2022 1:04:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Toluene	ND	0.049	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Xylenes, Total	ND	0.099	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Surr: 4-Bromofluorobenzene	86.8	70-130	%Rec	1	5/28/2022 1:04:00 AM	67728

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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 26

Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-70

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 8:10:00 AM

 Lab ID:
 2205B73-003
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 300 60 mg/Kg 20 6/1/2022 5:50:10 AM 67796 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 8.9 mg/Kg 5/28/2022 12:58:45 AM Motor Oil Range Organics (MRO) ND mg/Kg 1 5/28/2022 12:58:45 AM 67736 44 Surr: DNOP 85.0 51.1-141 %Rec 5/28/2022 12:58:45 AM 67736 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/28/2022 1:24:00 AM 67728 4.7 mg/Kg 1 Surr: BFB 88.4 37.7-212 %Rec 5/28/2022 1:24:00 AM 67728 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/28/2022 1:24:00 AM 67728 Benzene mg/Kg Toluene ND 0.047 mg/Kg 5/28/2022 1:24:00 AM 67728 Ethylbenzene ND 0.047 mg/Kg 1 5/28/2022 1:24:00 AM 67728 Xylenes, Total ND 0.095 mg/Kg 5/28/2022 1:24:00 AM 67728 Surr: 4-Bromofluorobenzene 70-130 90.3 %Rec 5/28/2022 1:24:00 AM 67728

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

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Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-71

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 8:15:00 AM

 Lab ID:
 2205B73-004
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 1700 60 mg/Kg 20 6/1/2022 6:01:42 PM 67827 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 9.0 mg/Kg 5/28/2022 1:22:33 AM 67736 Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 5/28/2022 1:22:33 AM 67736 Surr: DNOP 71.6 51.1-141 %Rec 5/28/2022 1:22:33 AM 67736 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/28/2022 1:43:00 AM 67728 4.8 mg/Kg 1 Surr: BFB 85.9 37.7-212 %Rec 5/28/2022 1:43:00 AM 67728 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.024 5/28/2022 1:43:00 AM 67728 mg/Kg Toluene ND 0.048 mg/Kg 5/28/2022 1:43:00 AM 67728 Ethylbenzene ND 0.048 mg/Kg 1 5/28/2022 1:43:00 AM 67728 Xylenes, Total ND 0.096 mg/Kg 5/28/2022 1:43:00 AM 67728 Surr: 4-Bromofluorobenzene 70-130 90.2 %Rec 5/28/2022 1:43:00 AM 67728

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

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Gissler AV Battery

2205B73-005

Project:

Lab ID:

Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-40

Collection Date: 5/24/2022 8:20:00 AM

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	75	60	mg/Kg	20	6/1/2022 6:14:07 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/28/2022 1:46:24 AM	67736
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/28/2022 1:46:24 AM	67736
Surr: DNOP	94.9	51.1-141	%Rec	1	5/28/2022 1:46:24 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Surr: BFB	93.7	37.7-212	%Rec	1	5/28/2022 2:03:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Toluene	ND	0.049	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Xylenes, Total	ND	0.098	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Surr: 4-Bromofluorobenzene	93.4	70-130	%Rec	1	5/28/2022 2:03:00 AM	67728

Matrix: SOIL

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

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Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-72

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 9:00:00 AM

 Lab ID:
 2205B73-006
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1800	60	mg/Kg	20	6/1/2022 6:51:18 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	43	8.8	mg/Kg	1	5/28/2022 2:09:59 AM	67736
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	5/28/2022 2:09:59 AM	67736
Surr: DNOP	61.1	51.1-141	%Rec	1	5/28/2022 2:09:59 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Surr: BFB	88.1	37.7-212	%Rec	1	5/28/2022 2:23:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Xylenes, Total	ND	0.099	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Surr: 4-Bromofluorobenzene	91.4	70-130	%Rec	1	5/28/2022 2:23:00 AM	67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-73

Project: Gissler AV Battery Collection Date: 5/24/2022 9:05:00 AM

Lab ID: 2205B73-007 **Matrix:** SOIL **Received Date:** 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	700	59	mg/Kg	20	6/1/2022 7:03:43 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	28	9.7	mg/Kg	1	5/28/2022 2:33:50 AM	67736
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/28/2022 2:33:50 AM	67736
Surr: DNOP	87.6	51.1-141	%Rec	1	5/28/2022 2:33:50 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 2:42:00 AM	67728
Surr: BFB	91.0	37.7-212	%Rec	1	5/28/2022 2:42:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/28/2022 2:42:00 AM	67728
Toluene	ND	0.049	mg/Kg	1	5/28/2022 2:42:00 AM	67728
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 2:42:00 AM	67728
Xylenes, Total	ND	0.098	mg/Kg	1	5/28/2022 2:42:00 AM	67728
Surr: 4-Bromofluorobenzene	91.1	70-130	%Rec	1	5/28/2022 2:42:00 AM	67728

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

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Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-74

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 9:10:00 AM

 Lab ID:
 2205B73-008
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	720	60	mg/Kg	20	6/1/2022 7:16:08 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	64	9.5	mg/Kg	1	5/28/2022 2:57:25 AM	67736
Motor Oil Range Organics (MRO)	57	47	mg/Kg	1	5/28/2022 2:57:25 AM	67736
Surr: DNOP	119	51.1-141	%Rec	1	5/28/2022 2:57:25 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Surr: BFB	90.8	37.7-212	%Rec	1	5/28/2022 3:02:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	5/28/2022 3:02:00 AM	67728

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

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Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

5/28/2022 3:22:00 AM

67728

67728

67728

67728

67728

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-75

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 9:15:00 AM

 Lab ID:
 2205B73-009
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 990 59 mg/Kg 20 6/1/2022 7:28:33 PM 67827 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 8.6 mg/Kg 5/28/2022 3:21:06 AM 67736 Motor Oil Range Organics (MRO) 130 43 mg/Kg 1 5/28/2022 3:21:06 AM 67736 Surr: DNOP 107 51.1-141 %Rec 5/28/2022 3:21:06 AM 67736 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/28/2022 3:22:00 AM 67728 4.9 mg/Kg 1 Surr: BFB 94.1 37.7-212 %Rec 5/28/2022 3:22:00 AM 67728 **EPA METHOD 8021B: VOLATILES** Analyst: BRM

ND

ND

ND

ND

93.0

0.024

0.049

0.049

0.097

70-130

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-76

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 9:20:00 AM

 Lab ID:
 2205B73-010
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1300	60	mg/Kg	20	6/1/2022 7:40:58 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR				Analys	t: ED	
Diesel Range Organics (DRO)	96	9.4	mg/Kg	1	5/28/2022 4:16:09 PM	67736
Motor Oil Range Organics (MRO)	69	47	mg/Kg	1	5/28/2022 4:16:09 PM	67736
Surr: DNOP	75.4	51.1-141	%Rec	1	5/28/2022 4:16:09 PM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Surr: BFB	86.8	37.7-212	%Rec	1	5/28/2022 3:42:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	5/28/2022 3:42:00 AM	67728

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

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Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-77

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:00:00 AM

 Lab ID:
 2205B73-011
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	710	60	mg/Kg	20	6/1/2022 7:53:23 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	100	9.1	mg/Kg	1	5/31/2022 11:02:42 AM	67765
Motor Oil Range Organics (MRO)	120	46	mg/Kg	1	5/31/2022 11:02:42 AM	67765
Surr: DNOP	92.2	51.1-141	%Rec	1	5/31/2022 11:02:42 AM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Surr: BFB	93.9	37.7-212	%Rec	1	5/27/2022 9:16:56 PM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Toluene	ND	0.048	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Ethylbenzene	ND	0.048	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Xylenes, Total	ND	0.097	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Surr: 4-Bromofluorobenzene	98.5	70-130	%Rec	1	5/27/2022 9:16:56 PM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-78

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:05:00 AM

 Lab ID:
 2205B73-012
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1600	60	mg/Kg	20	6/1/2022 8:05:48 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ED
Diesel Range Organics (DRO)	380	9.0	mg/Kg	1	6/2/2022 10:02:47 AM	67765
Motor Oil Range Organics (MRO)	320	45	mg/Kg	1	6/2/2022 10:02:47 AM	67765
Surr: DNOP	107	51.1-141	%Rec	1	6/2/2022 10:02:47 AM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Surr: BFB	92.9	37.7-212	%Rec	1	5/27/2022 10:27:19 PM	67730
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Toluene	ND	0.047	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Ethylbenzene	ND	0.047	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Xylenes, Total	ND	0.095	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Surr: 4-Bromofluorobenzene	94.2	70-130	%Rec	1	5/27/2022 10:27:19 PM	67730

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

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Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-41

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:10:00 AM

 Lab ID:
 2205B73-013
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: ЈМТ
Chloride	ND	61	mg/Kg	20	6/1/2022 8:18:13 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	:: ED
Diesel Range Organics (DRO)	100	8.6	mg/Kg	1	6/2/2022 10:50:07 AM	67765
Motor Oil Range Organics (MRO)	310	43	mg/Kg	1	6/2/2022 10:50:07 AM	67765
Surr: DNOP	107	51.1-141	%Rec	1	6/2/2022 10:50:07 AM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Surr: BFB	90.4	37.7-212	%Rec	1	5/27/2022 11:37:31 PM	67730
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Toluene	ND	0.049	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Ethylbenzene	ND	0.049	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Xylenes, Total	ND	0.098	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	5/27/2022 11:37:31 PM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-42

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:15:00 AM

 Lab ID:
 2205B73-014
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 mg/Kg 20 6/1/2022 8:30:38 PM 67827 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 8.7 mg/Kg 6/2/2022 11:37:32 AM 67765 Motor Oil Range Organics (MRO) 330 mg/Kg 1 6/2/2022 11:37:32 AM 67765 44 Surr: DNOP 97.1 51.1-141 %Rec 6/2/2022 11:37:32 AM 67765 Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 5/28/2022 12:01:04 AM 67730 4.9 mg/Kg Surr: BFB 94.7 37.7-212 %Rec 5/28/2022 12:01:04 AM **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 5/28/2022 12:01:04 AM Benzene mg/Kg 67730 Toluene ND 0.049 mg/Kg 5/28/2022 12:01:04 AM Ethylbenzene ND 0.049 mg/Kg 1 5/28/2022 12:01:04 AM 67730 Xylenes, Total ND 0.098 mg/Kg 5/28/2022 12:01:04 AM Surr: 4-Bromofluorobenzene 70-130 95.3 %Rec 5/28/2022 12:01:04 AM 67730

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

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Analytical Report

Lab Order 2205B73

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-28A

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:20:00 AM

 Lab ID:
 2205B73-015
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1900	60	mg/Kg	20	6/1/2022 8:43:02 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	200	9.6	mg/Kg	1	6/2/2022 12:44:48 PM	67765
Motor Oil Range Organics (MRO)	320	48	mg/Kg	1	6/2/2022 12:44:48 PM	67765
Surr: DNOP	99.2	51.1-141	%Rec	1	6/2/2022 12:44:48 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Surr: BFB	92.6	37.7-212	%Rec	1	5/28/2022 12:24:44 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Toluene	ND	0.050	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Surr: 4-Bromofluorobenzene	96.4	70-130	%Rec	1	5/28/2022 12:24:44 AM	67730

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

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Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-79

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:00:00 AM

 Lab ID:
 2205B73-016
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1500	60	mg/Kg	20	6/1/2022 9:20:17 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	t: ED
Diesel Range Organics (DRO)	120	9.1	mg/Kg	1	6/2/2022 1:32:21 PM	67765
Motor Oil Range Organics (MRO)	140	46	mg/Kg	1	6/2/2022 1:32:21 PM	67765
Surr: DNOP	106	51.1-141	%Rec	1	6/2/2022 1:32:21 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Surr: BFB	94.9	37.7-212	%Rec	1	5/28/2022 12:48:06 AM	67730
EPA METHOD 8021B: VOLATILES					Analyst	t: NSB
Benzene	ND	0.023	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Toluene	ND	0.047	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Ethylbenzene	ND	0.047	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Xylenes, Total	ND	0.093	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Surr: 4-Bromofluorobenzene	95.9	70-130	%Rec	1	5/28/2022 12:48:06 AM	67730

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

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Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-80

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:05:00 AM

 Lab ID:
 2205B73-017
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1200	60	mg/Kg	20	6/1/2022 9:32:41 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	47	9.6	mg/Kg	1	5/31/2022 2:36:45 PM	67765
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/31/2022 2:36:45 PM	67765
Surr: DNOP	82.6	51.1-141	%Rec	1	5/31/2022 2:36:45 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Surr: BFB	93.4	37.7-212	%Rec	1	5/28/2022 1:11:30 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Toluene	ND	0.049	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Xylenes, Total	ND	0.098	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Surr: 4-Bromofluorobenzene	98.1	70-130	%Rec	1	5/28/2022 1:11:30 AM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-19A

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:10:00 AM

 Lab ID:
 2205B73-018
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1200	60	mg/Kg	20	6/1/2022 9:45:06 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR				Analys	t: ED	
Diesel Range Organics (DRO)	68	9.9	mg/Kg	1	5/31/2022 3:00:26 PM	67765
Motor Oil Range Organics (MRO)	75	49	mg/Kg	1	5/31/2022 3:00:26 PM	67765
Surr: DNOP	91.9	51.1-141	%Rec	1	5/31/2022 3:00:26 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Surr: BFB	94.3	37.7-212	%Rec	1	5/28/2022 1:34:56 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Toluene	ND	0.048	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Ethylbenzene	ND	0.048	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Xylenes, Total	ND	0.096	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	5/28/2022 1:34:56 AM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-42

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:15:00 AM

 Lab ID:
 2205B73-019
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 90 60 mg/Kg 20 6/1/2022 9:57:32 PM 67832 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 8.3 mg/Kg 5/31/2022 3:24:12 PM 67765 Motor Oil Range Organics (MRO) ND mg/Kg 1 5/31/2022 3:24:12 PM 67765 41 Surr: DNOP 95.3 51.1-141 %Rec 5/31/2022 3:24:12 PM 67765 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 5/28/2022 1:58:20 AM 67730 4.7 mg/Kg 1 Surr: BFB 98.1 37.7-212 %Rec 5/28/2022 1:58:20 AM 67730 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 5/28/2022 1:58:20 AM 67730 mg/Kg Toluene ND 0.047 mg/Kg 5/28/2022 1:58:20 AM 67730 Ethylbenzene ND 0.047 mg/Kg 1 5/28/2022 1:58:20 AM 67730 Xylenes, Total ND 0.094 mg/Kg 5/28/2022 1:58:20 AM 67730 Surr: 4-Bromofluorobenzene 70-130 98.3 %Rec 5/28/2022 1:58:20 AM 67730

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205B73 07-Jun-22**

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: MB-67796 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 67796 RunNo: 88375 Prep Date: 5/31/2022 Analysis Date: 5/31/2022 SeqNo: 3135693 Units: mq/Kq SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result **PQL** %REC LowLimit HighLimit Qual

Chloride ND 1.5

Sample ID: LCS-67796 TestCode: EPA Method 300.0: Anions SampType: Ics Client ID: LCSS Batch ID: 67796 RunNo: 88375 Prep Date: 5/31/2022 Analysis Date: 6/1/2022 SeqNo: 3135694 Units: mg/Kg **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

TestCode: EPA Method 300.0: Anions

Chloride 14 1.5 15.00 0 93.8 90 110

Client ID: **PBS** Batch ID: **67827** RunNo: **88432**

SampType: mblk

Prep Date: 6/1/2022 Analysis Date: 6/1/2022 SeqNo: 3137371 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: MB-67827

Sample ID: LCS-67827 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67827 RunNo: 88432

Prep Date: 6/1/2022 Analysis Date: 6/1/2022 SeqNo: 3137372 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.6 90 110

Sample ID: MB-67832 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **67832** RunNo: **88432**

Prep Date: 6/1/2022 Analysis Date: 6/1/2022 SeqNo: 3137379 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67832 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67832 RunNo: 88432

Prep Date: 6/1/2022 Analysis Date: 6/1/2022 SeqNo: 3137380 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride 14 1.5 15.00 0 94.2 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205B73** *07-Jun-22*

Client:	GHD Midland
Project:	Gissler AV Battery

Project: Gissler A	AV Battery	
Sample ID: MB-67678	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 67678	RunNo: 88246
Prep Date: 5/25/2022	Analysis Date: 5/25/2022	SeqNo: 3130799 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	9.1 10.00	90.6 51.1 141
Sample ID: LCS-67678	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 67678	RunNo: 88246
Prep Date: 5/25/2022	Analysis Date: 5/25/2022	SeqNo: 3130800 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.4 5.000	87.5 51.1 141
Sample ID: MB-67736	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 67736	RunNo: 88246
Prep Date: 5/26/2022	Analysis Date: 5/27/2022	SeqNo: 3133612 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) Surr: DNOP	ND 50 11 10.00	108 51.1 141
- Curi. Bivoi	11 10.00	100 31.1 141
Sample ID: LCS-67736	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 67736	RunNo: 88246
Prep Date: 5/26/2022	Analysis Date: 5/27/2022	SeqNo: 3133613 Units: mg/Kg
Analyte	Result PQL SPK value	Ü
Diesel Range Organics (DRO) Surr: DNOP	51 10 50.00 4.7 5.000	
Sample ID: MB-67765	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 67765	RunNo: 88381
Prep Date: 5/27/2022	Analysis Date: 5/31/2022	SeqNo: 3135345 Units: mg/Kg
Analyte Diesel Range Organics (DRO)	Result PQL SPK value ND 10	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	6.8 10.00	68.2 51.1 141
Sample ID: 2205B73-011AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: BH-77	Batch ID: 67765	RunNo: 88381
Prep Date: 5/27/2022	Analysis Date: 5/31/2022	SeqNo: 3135347 Units: mg/Kg

Qualifiers:

Analyte

- 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

PQL

Result

B Analyte detected in the associated Method Blank

LowLimit

HighLimit

E Estimated value

SPK value SPK Ref Val

J Analyte detected below quantitation limits

%REC

- P Sample pH Not In Range
- RL Reporting Limit

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RPDLimit

Qual

%RPD

Hall Environmental Analysis Laboratory, Inc.

2205B73 07-Jun-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 2205B73-011AMS	SampT	уре: МЅ	pe: MS TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH-77	Batch	n ID: 677	' 65	F	RunNo: 88	3381				
Prep Date: 5/27/2022	Analysis D	Date: 5/31/2022 SeqNo: 3135347 Units: mg/Kg				(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	110	9.2	45.87	102.3	15.7	36.1	154			S
Surr: DNOP	3.9		4.587		85.4	51.1	141			
Sample ID: 2205B73-011AMSD	SampT	SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics								·
Client ID: BH-77	Batch	n ID: 677	' 65	RunNo: 88381						

Sample ID: 2205B/3-011AWSL	Sampi	ype. IVI 5	שו	res	icode. Er	A Wethod	80.12M/D: Die	sei Kange	Organics	
Client ID: BH-77	Batch	n ID: 677	765	F	RunNo: 8	3381				
Prep Date: 5/27/2022	Analysis D	ate: 5/ 3	31/2022	5	SeqNo: 3	135348	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	120	9.7	48.45	102.3	45.8	36.1	154	12.8	33.9	
Surr: DNOP	4.3		4.845		88.1	51.1	141	0	0	

Sample ID: LCS-67765	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	1D: 677	'65	F	RunNo: 8	3381				
Prep Date: 5/27/2022	Analysis D	ate: 5/ 3	31/2022	9	SeqNo: 3	135454	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.9	64.4	127			
Surr: DNOP	2.7		5.000		53.2	51.1	141			

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205B73** *07-Jun-22*

Client:	GHD Midland
Project:	Gissler AV Battery

Project:	Gissier A	v battery									
Sample ID:	mb-67730	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batch	n ID: 67 7	730	F	RunNo: 88	8348				
Prep Date:	5/26/2022	Analysis D	oate: 5/ 2	27/2022	5	SeqNo: 3	133399	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	e Organics (GRO)	ND	5.0								
Surr: BFB		1000		1000		99.9	37.7	212			
Sample ID:	lcs-67730	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	LCSS	Batch	n ID: 67 7	730	F	RunNo: 88	8348				
Prep Date:	5/26/2022	Analysis D	ate: 5/ 2	27/2022	5	SeqNo: 3	133400	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
_	e Organics (GRO)	29	5.0	25.00	0	116	72.3	137			
Surr: BFB		2200		1000		219	37.7	212			S
Sample ID:	2205b73-011ams	SampT	ype: MS	3	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	BH-77	Batch	n ID: 67 7	730	F	RunNo: 8	8348				
Prep Date:	5/26/2022	Analysis D	oate: 5/ 2	27/2022	5	SeqNo: 3	133402	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	t HighLimit %RPD RPDL			Qual
	e Organics (GRO)	35	4.8	24.13	0	146	70	130			S
Surr: BFB		2300		965.3		243	37.7	212			S
Sample ID:	2205b73-011amsd	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	BH-77	Batch	n ID: 67 7	730	F	RunNo: 88	8348				
Prep Date:	5/26/2022	Analysis D	oate: 5/ 2	27/2022	S	SeqNo: 3	133403	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	e Organics (GRO)	35	4.8	24.20	0	146	70	130	0.372	20	S
Surr: BFB		2300		968.1		241	37.7	212	0	0	S
Sample ID:	lcs-67728	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	LCSS	Batch	n ID: 67 7	728	F	RunNo: 8	8349				
Prep Date:	5/26/2022	Analysis D	ate: 5/ 2	27/2022	5	SeqNo: 3	133510	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
ŭ	e Organics (GRO)	24	5.0	25.00	0	96.0	72.3	137			
Surr: BFB		1800		1000		184	37.7	212			
Sample ID:	mb-67728	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batch	n ID: 67 7	728	F	RunNo: 88	8349				
Prep Date:	5/26/2022	Analysis D	ate: 5/ 2	27/2022	5	SeqNo: 3	133511	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

2205B73 07-Jun-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: mb-67728 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 67728 RunNo: 88349

Prep Date: 5/26/2022 Analysis Date: 5/27/2022 SeqNo: 3133511 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 880 1000 87.5 37.7 212

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 Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205B73** *07-Jun-22*

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: mb-67730 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 67730 RunNo: 88348 Prep Date: 5/26/2022 Analysis Date: 5/27/2022 SeqNo: 3133452 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 1.0 1.000 103 70 130

Sample ID: LCS-67730	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch	n ID: 677	'30	F	RunNo: 88	3348				
Prep Date: 5/26/2022	Analysis D	Date: 5/2	27/2022	5	SeqNo: 31	133453	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.6	80	120			
Toluene	0.97	0.050	1.000	0	97.5	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: 2205b73-012ams	Samp ⁻	Гуре: МЅ	3	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-78	Batc	h ID: 677	730	F	RunNo: 8	3348				
Prep Date: 5/26/2022	Analysis [Date: 5/ 2	27/2022	5	SeqNo: 3	133456	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9443	0	110	68.8	120			
Toluene	1.1	0.047	0.9443	0	116	73.6	124			
Ethylbenzene	1.1	0.047	0.9443	0	118	72.7	129			
Xylenes, Total	3.3	0.094	2.833	0.01722	117	75.7	126			
Surr: 4-Bromofluorobenzene	0.96		0.9443		102	70	130			

Sample ID: 2205b73-012amsd	Samp1	Гуре: М S	SD.	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-78	Batcl	h ID: 677	730	F	RunNo: 88	3348				
Prep Date: 5/26/2022	Analysis D	Date: 5/2	27/2022	5	SeqNo: 31	133457	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9425	0	112	68.8	120	1.81	20	
Toluene	1.1	0.047	0.9425	0	119	73.6	124	2.25	20	
Ethylbenzene	1.1	0.047	0.9425	0	120	72.7	129	1.68	20	
Xylenes, Total	3.4	0.094	2.828	0.01722	120	75.7	126	2.19	20	
Surr: 4-Bromofluorobenzene	0.93		0.9425		98.8	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

2205B73 07-Jun-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: Ics-67728	Samp ¹	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: 677	728	F	RunNo: 88	3349				
Prep Date: 5/26/2022	Analysis [Date: 5/ 2	27/2022	5	SeqNo: 31	133559	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.2	80	120			
Toluene	0.94	0.050	1.000	0	94.5	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.2	70	130			

Sample ID: mb-67728	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch	n ID: 67 7	728	F	RunNo: 8	3349				
Prep Date: 5/26/2022	Analysis D	Date: 5/ 2	27/2022	9	SeqNo: 3	133560	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	0.89		1.000		88.7	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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE

Website: www.hallenvironmental.com

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

С	lient Name:	GHD Midla	and	Work	Order Nur	nber: 220	5B73			RcptNo: 1
Re	eceived By:	Tracy Ca	sarrubias	5/26/20)22 7:00:00	AM				
Co	mpleted By:	Tracy Ca	sarrubias	5/26/20	22 8:31:34	AM				
Re	eviewed By:	1	6-72							
Ch	ain of Cus	tody								
1.	Is Chain of Co	ustody comp	olete?			Yes	V	No		Not Present
2.	How was the	sample deli	vered?			Cou	rier			
L	og In									
	Was an attem	pt made to	cool the same	oles?		Yes	V	No		NA 🗆
4.	Were all samp	oles received	d at a tempera	ature of >0° C	to 6.0°C	Yes	V	No		NA 🗆
5.	Sample(s) in p	oroper conta	iner(s)?			Yes	V	No		
6. 8	Sufficient sam	ple volume	for indicated t	est(s)?		Yes	V	No		
7.	Are samples (except VOA	and ONG) pr	operly preserve	ed?	Yes	V	No		
8. \	Was preservat	ive added to	bottles?			Yes		No	V	NA 🗆
9. F	Received at lea	ast 1 vial wit	th headspace	<1/4" for AQ \	OA?	Yes		No		NA 🗹
10.	Were any sam	ple contain	ers received b	oroken?		Yes		No	V	# of preserved
	Does paperwo Note discrepa			٨		Yes	V	No		bottles checked for pH:
				n of Custody?		Yes	V	No		(<2 or >12 unless noted) Adjusted?
	s it clear what			The street of the street			\mathbf{V}			
14.V	Vere all holdin If no, notify cu	g times able	e to be met?				V	No		Checked by: 562 5/26/22
	cial Handli									
	The state of the s		Y 200 000	with this order?	1	Yes		No		NA 🔽
	Person I	Notified:			Date				_	
	By Whor	m:			Via:	eMa	ail 🖂	Phone	Fax	In Person
	Regardir	ng:							-	
	Client In	structions:								
16.	Additional ren	narks:								
17.	Cooler Inforn	nation								
	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Da	ate	Signed I	Bv	
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	2	3.7	Good	Yes						
	3	1.6	Good	Yes						
	4	2.4	Good	Yes						

Standard		Chain-of-Custody Record	I urn-Around	ָט =	•		1					PATTA	
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	If necessary, samples submitted to Hall Environmental may be serificated to		26/22			Haske	l listed	above.	ong with Be	: :



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

June 07, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Battery OrderNo.: 2205B73

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 19 sample(s) on 5/26/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-38

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 8:00:00 AM

 Lab ID:
 2205B73-001
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Analyst: JMT						
Chloride	76	60	mg/Kg	20	6/1/2022 5:25:22 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: E					: ED	
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/27/2022 11:47:48 PM	67736
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/27/2022 11:47:48 PM	67736
Surr: DNOP	92.8	51.1-141	%Rec	1	5/27/2022 11:47:48 PM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Surr: BFB	89.1	37.7-212	%Rec	1	5/28/2022 12:44:00 AM	67728
EPA METHOD 8021B: VOLATILES Analyst: BRM						: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 12:44:00 AM	67728
Surr: 4-Bromofluorobenzene	91.4	70-130	%Rec	1	5/28/2022 12:44:00 AM	67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-39

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 8:05:00 AM

 Lab ID:
 2205B73-002
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	6/1/2022 5:37:46 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/28/2022 12:11:37 AM	67736
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/28/2022 12:11:37 AM	67736
Surr: DNOP	52.5	51.1-141	%Rec	1	5/28/2022 12:11:37 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Surr: BFB	86.2	37.7-212	%Rec	1	5/28/2022 1:04:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Toluene	ND	0.049	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Xylenes, Total	ND	0.099	mg/Kg	1	5/28/2022 1:04:00 AM	67728
Surr: 4-Bromofluorobenzene	86.8	70-130	%Rec	1	5/28/2022 1:04:00 AM	67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-70

Project: Gissler AV Battery Collection Date: 5/24/2022 8:10:00 AM

Lab ID: 2205B73-003 **Matrix:** SOIL **Received Date:** 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: JMT
Chloride	300	60	mg/Kg	20	6/1/2022 5:50:10 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	:: ED
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	5/28/2022 12:58:45 AM	67736
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	5/28/2022 12:58:45 AM	67736
Surr: DNOP	85.0	51.1-141	%Rec	1	5/28/2022 12:58:45 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	:: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/28/2022 1:24:00 AM	67728
Surr: BFB	88.4	37.7-212	%Rec	1	5/28/2022 1:24:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	ND	0.024	mg/Kg	1	5/28/2022 1:24:00 AM	67728
Toluene	ND	0.047	mg/Kg	1	5/28/2022 1:24:00 AM	67728
Ethylbenzene	ND	0.047	mg/Kg	1	5/28/2022 1:24:00 AM	67728
Xylenes, Total	ND	0.095	mg/Kg	1	5/28/2022 1:24:00 AM	67728
Surr: 4-Bromofluorobenzene	90.3	70-130	%Rec	1	5/28/2022 1:24:00 AM	67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-71

Project: Gissler AV Battery Collection Date: 5/24/2022 8:15:00 AM

Lab ID: 2205B73-004 **Matrix:** SOIL **Received Date:** 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1700	60	mg/Kg	20	6/1/2022 6:01:42 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	9.1	9.0	mg/Kg	1	5/28/2022 1:22:33 AM	67736
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	5/28/2022 1:22:33 AM	67736
Surr: DNOP	71.6	51.1-141	%Rec	1	5/28/2022 1:22:33 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/28/2022 1:43:00 AM	67728
Surr: BFB	85.9	37.7-212	%Rec	1	5/28/2022 1:43:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/28/2022 1:43:00 AM	67728
Toluene	ND	0.048	mg/Kg	1	5/28/2022 1:43:00 AM	67728
Ethylbenzene	ND	0.048	mg/Kg	1	5/28/2022 1:43:00 AM	67728
Xylenes, Total	ND	0.096	mg/Kg	1	5/28/2022 1:43:00 AM	67728
Surr: 4-Bromofluorobenzene	90.2	70-130	%Rec	1	5/28/2022 1:43:00 AM	67728

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

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Analytical Report

Lab Order 2205B73

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/7/2022

CLIENT: GHD Midland Client Sample ID: SW-40

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 8:20:00 AM

 Lab ID:
 2205B73-005
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	75	60	mg/Kg	20	6/1/2022 6:14:07 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: ED
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/28/2022 1:46:24 AM	67736
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/28/2022 1:46:24 AM	67736
Surr: DNOP	94.9	51.1-141	%Rec	1	5/28/2022 1:46:24 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Surr: BFB	93.7	37.7-212	%Rec	1	5/28/2022 2:03:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Toluene	ND	0.049	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Xylenes, Total	ND	0.098	mg/Kg	1	5/28/2022 2:03:00 AM	67728
Surr: 4-Bromofluorobenzene	93.4	70-130	%Rec	1	5/28/2022 2:03:00 AM	67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-72

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 9:00:00 AM

 Lab ID:
 2205B73-006
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1800	60	mg/Kg	20	6/1/2022 6:51:18 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: ED
Diesel Range Organics (DRO)	43	8.8	mg/Kg	1	5/28/2022 2:09:59 AM	67736
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	5/28/2022 2:09:59 AM	67736
Surr: DNOP	61.1	51.1-141	%Rec	1	5/28/2022 2:09:59 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Surr: BFB	88.1	37.7-212	%Rec	1	5/28/2022 2:23:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Xylenes, Total	ND	0.099	mg/Kg	1	5/28/2022 2:23:00 AM	67728
Surr: 4-Bromofluorobenzene	91.4	70-130	%Rec	1	5/28/2022 2:23:00 AM	67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-73

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 9:05:00 AM

 Lab ID:
 2205B73-007
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 700 59 mg/Kg 20 6/1/2022 7:03:43 PM 67827 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 9.7 mg/Kg 5/28/2022 2:33:50 AM 67736 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/28/2022 2:33:50 AM 67736 Surr: DNOP 87.6 51.1-141 %Rec 5/28/2022 2:33:50 AM 67736 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/28/2022 2:42:00 AM 67728 4.9 mg/Kg 1 Surr: BFB 91.0 37.7-212 %Rec 5/28/2022 2:42:00 AM 67728 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.024 5/28/2022 2:42:00 AM 67728 Benzene mg/Kg Toluene ND 0.049 mg/Kg 5/28/2022 2:42:00 AM 67728 Ethylbenzene ND 0.049 mg/Kg 1 5/28/2022 2:42:00 AM 67728 Xylenes, Total ND 0.098 mg/Kg 5/28/2022 2:42:00 AM 67728 Surr: 4-Bromofluorobenzene 70-130 91.1 %Rec 5/28/2022 2:42:00 AM 67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-74

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 9:10:00 AM

 Lab ID:
 2205B73-008
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	720	60	mg/Kg	20	6/1/2022 7:16:08 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	64	9.5	mg/Kg	1	5/28/2022 2:57:25 AM	67736
Motor Oil Range Organics (MRO)	57	47	mg/Kg	1	5/28/2022 2:57:25 AM	67736
Surr: DNOP	119	51.1-141	%Rec	1	5/28/2022 2:57:25 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Surr: BFB	90.8	37.7-212	%Rec	1	5/28/2022 3:02:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 3:02:00 AM	67728
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	5/28/2022 3:02:00 AM	67728

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

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Project:

Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-75

Gissler AV Battery Collection Date: 5/24/2022 9:15:00 AM

Lab ID: 2205B73-009 **Matrix:** SOIL **Received Date:** 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	990	59	mg/Kg	20	6/1/2022 7:28:33 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	130	8.6	mg/Kg	1	5/28/2022 3:21:06 AM	67736
Motor Oil Range Organics (MRO)	130	43	mg/Kg	1	5/28/2022 3:21:06 AM	67736
Surr: DNOP	107	51.1-141	%Rec	1	5/28/2022 3:21:06 AM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 3:22:00 AM	67728
Surr: BFB	94.1	37.7-212	%Rec	1	5/28/2022 3:22:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	5/28/2022 3:22:00 AM	67728
Toluene	ND	0.049	mg/Kg	1	5/28/2022 3:22:00 AM	67728
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 3:22:00 AM	67728
Xylenes, Total	ND	0.097	mg/Kg	1	5/28/2022 3:22:00 AM	67728
Surr: 4-Bromofluorobenzene	93.0	70-130	%Rec	1	5/28/2022 3:22:00 AM	67728

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

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Project:

Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-76

Gissler AV Battery Collection Date: 5/24/2022 9:20:00 AM

Lab ID: 2205B73-010 **Matrix:** SOIL **Received Date:** 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1300	60	mg/Kg	20	6/1/2022 7:40:58 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	96	9.4	mg/Kg	1	5/28/2022 4:16:09 PM	67736
Motor Oil Range Organics (MRO)	69	47	mg/Kg	1	5/28/2022 4:16:09 PM	67736
Surr: DNOP	75.4	51.1-141	%Rec	1	5/28/2022 4:16:09 PM	67736
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Surr: BFB	86.8	37.7-212	%Rec	1	5/28/2022 3:42:00 AM	67728
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Toluene	ND	0.050	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 3:42:00 AM	67728
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	5/28/2022 3:42:00 AM	67728

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-77

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:00:00 AM

 Lab ID:
 2205B73-011
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	710	60	mg/Kg	20	6/1/2022 7:53:23 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	:: ED
Diesel Range Organics (DRO)	100	9.1	mg/Kg	1	5/31/2022 11:02:42 AM	67765
Motor Oil Range Organics (MRO)	120	46	mg/Kg	1	5/31/2022 11:02:42 AM	67765
Surr: DNOP	92.2	51.1-141	%Rec	1	5/31/2022 11:02:42 AM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Surr: BFB	93.9	37.7-212	%Rec	1	5/27/2022 9:16:56 PM	67730
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.024	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Toluene	ND	0.048	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Ethylbenzene	ND	0.048	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Xylenes, Total	ND	0.097	mg/Kg	1	5/27/2022 9:16:56 PM	67730
Surr: 4-Bromofluorobenzene	98.5	70-130	%Rec	1	5/27/2022 9:16:56 PM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-78

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:05:00 AM

 Lab ID:
 2205B73-012
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1600	60	mg/Kg	20	6/1/2022 8:05:48 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: ED
Diesel Range Organics (DRO)	380	9.0	mg/Kg	1	6/2/2022 10:02:47 AM	67765
Motor Oil Range Organics (MRO)	320	45	mg/Kg	1	6/2/2022 10:02:47 AM	67765
Surr: DNOP	107	51.1-141	%Rec	1	6/2/2022 10:02:47 AM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Surr: BFB	92.9	37.7-212	%Rec	1	5/27/2022 10:27:19 PM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Toluene	ND	0.047	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Ethylbenzene	ND	0.047	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Xylenes, Total	ND	0.095	mg/Kg	1	5/27/2022 10:27:19 PM	67730
Surr: 4-Bromofluorobenzene	94.2	70-130	%Rec	1	5/27/2022 10:27:19 PM	67730

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

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Analytical Report Lab Order 2205B73

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-41

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:10:00 AM

 Lab ID:
 2205B73-013
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: JMT
Chloride	ND	61	mg/Kg	20	6/1/2022 8:18:13 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: ED
Diesel Range Organics (DRO)	100	8.6	mg/Kg	1	6/2/2022 10:50:07 AM	67765
Motor Oil Range Organics (MRO)	310	43	mg/Kg	1	6/2/2022 10:50:07 AM	67765
Surr: DNOP	107	51.1-141	%Rec	1	6/2/2022 10:50:07 AM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Surr: BFB	90.4	37.7-212	%Rec	1	5/27/2022 11:37:31 PM	67730
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Toluene	ND	0.049	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Ethylbenzene	ND	0.049	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Xylenes, Total	ND	0.098	mg/Kg	1	5/27/2022 11:37:31 PM	67730
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	5/27/2022 11:37:31 PM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-42

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 10:15:00 AM

 Lab ID:
 2205B73-014
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	6/1/2022 8:30:38 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	110	8.7	mg/Kg	1	6/2/2022 11:37:32 AM	67765
Motor Oil Range Organics (MRO)	330	44	mg/Kg	1	6/2/2022 11:37:32 AM	67765
Surr: DNOP	97.1	51.1-141	%Rec	1	6/2/2022 11:37:32 AM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 12:01:04 AM	67730
Surr: BFB	94.7	37.7-212	%Rec	1	5/28/2022 12:01:04 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/28/2022 12:01:04 AM	67730
Toluene	ND	0.049	mg/Kg	1	5/28/2022 12:01:04 AM	67730
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 12:01:04 AM	67730
Xylenes, Total	ND	0.098	mg/Kg	1	5/28/2022 12:01:04 AM	67730
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	5/28/2022 12:01:04 AM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-28A

Project: Gissler AV Battery Collection Date: 5/24/2022 10:20:00 AM

Lab ID: 2205B73-015 **Matrix:** SOIL **Received Date:** 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1900	60	mg/Kg	20	6/1/2022 8:43:02 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	200	9.6	mg/Kg	1	6/2/2022 12:44:48 PM	67765
Motor Oil Range Organics (MRO)	320	48	mg/Kg	1	6/2/2022 12:44:48 PM	67765
Surr: DNOP	99.2	51.1-141	%Rec	1	6/2/2022 12:44:48 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Surr: BFB	92.6	37.7-212	%Rec	1	5/28/2022 12:24:44 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Toluene	ND	0.050	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Ethylbenzene	ND	0.050	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Xylenes, Total	ND	0.10	mg/Kg	1	5/28/2022 12:24:44 AM	67730
Surr: 4-Bromofluorobenzene	96.4	70-130	%Rec	1	5/28/2022 12:24:44 AM	67730

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

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Analytical Report Lab Order 2205B73

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-79

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:00:00 AM

 Lab ID:
 2205B73-016
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1500	60	mg/Kg	20	6/1/2022 9:20:17 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	t: ED
Diesel Range Organics (DRO)	120	9.1	mg/Kg	1	6/2/2022 1:32:21 PM	67765
Motor Oil Range Organics (MRO)	140	46	mg/Kg	1	6/2/2022 1:32:21 PM	67765
Surr: DNOP	106	51.1-141	%Rec	1	6/2/2022 1:32:21 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Surr: BFB	94.9	37.7-212	%Rec	1	5/28/2022 12:48:06 AM	67730
EPA METHOD 8021B: VOLATILES					Analyst	t: NSB
Benzene	ND	0.023	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Toluene	ND	0.047	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Ethylbenzene	ND	0.047	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Xylenes, Total	ND	0.093	mg/Kg	1	5/28/2022 12:48:06 AM	67730
Surr: 4-Bromofluorobenzene	95.9	70-130	%Rec	1	5/28/2022 12:48:06 AM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-80

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:05:00 AM

 Lab ID:
 2205B73-017
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1200	60	mg/Kg	20	6/1/2022 9:32:41 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	47	9.6	mg/Kg	1	5/31/2022 2:36:45 PM	67765
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/31/2022 2:36:45 PM	67765
Surr: DNOP	82.6	51.1-141	%Rec	1	5/31/2022 2:36:45 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Surr: BFB	93.4	37.7-212	%Rec	1	5/28/2022 1:11:30 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Toluene	ND	0.049	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Ethylbenzene	ND	0.049	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Xylenes, Total	ND	0.098	mg/Kg	1	5/28/2022 1:11:30 AM	67730
Surr: 4-Bromofluorobenzene	98.1	70-130	%Rec	1	5/28/2022 1:11:30 AM	67730

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

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Analytical Report

Lab Order **2205B73**Date Reported: **6/7/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-19A

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:10:00 AM

 Lab ID:
 2205B73-018
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1200	60	mg/Kg	20	6/1/2022 9:45:06 PM	67827
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	68	9.9	mg/Kg	1	5/31/2022 3:00:26 PM	67765
Motor Oil Range Organics (MRO)	75	49	mg/Kg	1	5/31/2022 3:00:26 PM	67765
Surr: DNOP	91.9	51.1-141	%Rec	1	5/31/2022 3:00:26 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Surr: BFB	94.3	37.7-212	%Rec	1	5/28/2022 1:34:56 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Toluene	ND	0.048	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Ethylbenzene	ND	0.048	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Xylenes, Total	ND	0.096	mg/Kg	1	5/28/2022 1:34:56 AM	67730
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	5/28/2022 1:34:56 AM	67730

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

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Analytical Report Lab Order 2205B73

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-42

 Project:
 Gissler AV Battery
 Collection Date: 5/24/2022 11:15:00 AM

 Lab ID:
 2205B73-019
 Matrix: SOIL
 Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	90	60	mg/Kg	20	6/1/2022 9:57:32 PM	67832
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	26	8.3	mg/Kg	1	5/31/2022 3:24:12 PM	67765
Motor Oil Range Organics (MRO)	ND	41	mg/Kg	1	5/31/2022 3:24:12 PM	67765
Surr: DNOP	95.3	51.1-141	%Rec	1	5/31/2022 3:24:12 PM	67765
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/28/2022 1:58:20 AM	67730
Surr: BFB	98.1	37.7-212	%Rec	1	5/28/2022 1:58:20 AM	67730
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/28/2022 1:58:20 AM	67730
Toluene	ND	0.047	mg/Kg	1	5/28/2022 1:58:20 AM	67730
Ethylbenzene	ND	0.047	mg/Kg	1	5/28/2022 1:58:20 AM	67730
Xylenes, Total	ND	0.094	mg/Kg	1	5/28/2022 1:58:20 AM	67730
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	5/28/2022 1:58:20 AM	67730

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2205B73

07-Jun-22

Client:	GHD Midland
Project:	Gissler AV Battery

Project:	Gis	sler AV Battery					
Sample ID:	MB-67796	SampType: mblk	TestCode: EPA Method :	300.0: Anions			
Client ID:	PBS	Batch ID: 67796	RunNo: 88375				
Prep Date:	5/31/2022	Analysis Date: 5/31/2022	SeqNo: 3135693	Units: mg/Kg			
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride		ND 1.5					
Sample ID:	LCS-67796	SampType: Ics	TestCode: EPA Method :	300.0: Anions			
Client ID:	LCSS	Batch ID: 67796	RunNo: 88375				
Prep Date:	5/31/2022	Analysis Date: 6/1/2022	SeqNo: 3135694	Units: mg/Kg			
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride		14 1.5 15.00	0 93.8 90	110			
Sample ID:	MB-67827	SampType: mblk	TestCode: EPA Method :	300.0: Anions			
Client ID:	PBS	Batch ID: 67827	RunNo: 88432				
Prep Date:	6/1/2022	Analysis Date: 6/1/2022	SeqNo: 3137371	Units: mg/Kg			
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride		ND 1.5					
Sample ID:	LCS-67827	SampType: Ics	TestCode: EPA Method :	300.0: Anions			
Client ID:	LCSS	Batch ID: 67827	RunNo: 88432				
Prep Date:	6/1/2022	Analysis Date: 6/1/2022	SeqNo: 3137372	Units: mg/Kg			
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride		14 1.5 15.00	0 92.6 90	110			
Sample ID:	MB-67832	SampType: mblk	TestCode: EPA Method :	300.0: Anions			
Client ID:	PBS	Batch ID: 67832	RunNo: 88432				
Prep Date:	6/1/2022	Analysis Date: 6/1/2022	SeqNo: 3137379	Units: mg/Kg			
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride		ND 1.5					
Sample ID:	LCS-67832	SampType: Ics	TestCode: EPA Method :	300.0: Anions			
Client ID:	LCSS	Batch ID: 67832	RunNo: 88432				
Prep Date:	6/1/2022	Analysis Date: 6/1/2022	SeqNo: 3137380	Units: mg/Kg			
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride		14 1.5 15.00	0 94.2 90	110			

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205B73** *07-Jun-22*

Client:	GHD Midland
Project:	Gissler AV Battery

Project: Gissler A	V Battery								
Sample ID: MB-67678	SampType: M	BLK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 6	7678	F	RunNo: 88	3246				
Prep Date: 5/25/2022	Analysis Date:	/25/2022	5	SeqNo: 31	30799	Units: %Rec	;		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.1	10.00		90.6	51.1	141			
Sample ID: LCS-67678	SampType: L	cs	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 6	7678	F	RunNo: 88	3246				
Prep Date: 5/25/2022	Analysis Date:	/25/2022	\$	SeqNo: 31	30800	Units: %Rec	;		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4	5.000		87.5	51.1	141			
Sample ID: MB-67736	SampType: M	BLK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 6	7736	F	RunNo: 88	3246				
Prep Date: 5/26/2022	Analysis Date:	/27/2022	5	SeqNo: 31	33612	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			400	54.4	4.44			
Surr: DNOP	11	10.00		108	51.1	141			
Sample ID: LCS-67736	SampType: L	cs	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 6	7736	F	RunNo: 88	3246				
Prep Date: 5/26/2022	Analysis Date:	/27/2022	9	SeqNo: 31	33613	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51 10		0	102	64.4	127			
Surr: DNOP	4.7	5.000		93.7	51.1	141			
Sample ID: MB-67765	SampType: M	BLK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 6	7765	F	RunNo: 88	3381				
Prep Date: 5/27/2022	Analysis Date:	/31/2022	5	SeqNo: 31	35345	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	6.8	10.00		68.2	51.1	141			
Sample ID: 2205B73-011AMS	SampType: M	S	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: BH-77	Batch ID: 6	7765	F	RunNo: 88	3381				
Prep Date: 5/27/2022	Analysis Date:	/31/2022	Ş	SeqNo: 31	35347	Units: mg/K	g		

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
- 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

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Hall Environmental Analysis Laboratory, Inc.

2205B73 07-Jun-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 2205B73-011AMS	SampT	уре: мs	;	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH-77	Batch	n ID: 677	7 65	RunNo: 88381							
Prep Date: 5/27/2022	Analysis D	ate: 5/ 3	31/2022	9	SeqNo: 31	135347	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	110	9.2	45.87	102.3	15.7	36.1	154			S	
Surr: DNOP	3.9		4.587		85.4	51.1	141				

Sample ID:	2205B73-011AMSD	SampT	ype: MS	SD .	Tes	8015M/D: Diesel Range Organics					
Client ID:	BH-77	Batch	Batch ID: 67765 RunNo: 88381								
Prep Date:	5/27/2022	Analysis D	ate: 5/ 3	31/2022	5	SeqNo: 31	135348	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	120	9.7	48.45	102.3	45.8	36.1	154	12.8	33.9	
Surr: DNOP		4.3		4.845		88.1	51.1	141	0	0	

Sample ID: LCS-67765	SampT	ype: LC	s	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	7 65	F	RunNo: 88381						
Prep Date: 5/27/2022	Analysis D	ate: 5/ 3	31/2022	SeqNo: 3135454			Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.9	64.4	127			
Surr: DNOP	2.7		5.000		53.2	51.1	141			

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205B73 07-Jun-22**

Client: GHD Midland
Project: Gissler AV Battery

35

2300

4.8

24.20

968.1

Sample ID: mb-67730 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 67730 RunNo: 88348 Prep Date: 5/26/2022 Analysis Date: 5/27/2022 SeqNo: 3133399 Units: mg/Kg SPK Ref Val %RPD **RPDLimit** Analyte Result PQL SPK value %REC LowLimit HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 1000 1000 99.9 37.7 212 Sample ID: Ics-67730 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 67730 RunNo: 88348 Prep Date: Analysis Date: 5/27/2022 5/26/2022 SeqNo: 3133400 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC I owl imit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 29 25.00 116 72.3 Surr: BFB 2200 1000 219 37.7 212 S SampType: MS Sample ID: 2205b73-011ams TestCode: EPA Method 8015D: Gasoline Range Client ID: **BH-77** Batch ID: 67730 RunNo: 88348 Prep Date: 5/26/2022 Analysis Date: 5/27/2022 SeqNo: 3133402 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual Gasoline Range Organics (GRO) 35 4.8 24.13 146 70 130 S Surr: BFB S 2300 965.3 243 37.7 212 Sample ID: 2205b73-011amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: Batch ID: 67730 **BH-77** RunNo: 88348 Prep Date: 5/26/2022 Analysis Date: 5/27/2022 SeqNo: 3133403 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Sample ID: Ics-67728	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	ine Range		
Client ID: LCSS	Batch	1D: 677	'28	F	RunNo: 88	3349				
Prep Date: 5/26/2022	Analysis D	ate: 5/ 2	27/2022	\$	SeqNo: 31	133510	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	72.3	137			-
Surr: BFB	1800		1000		184	37.7	212			

Sample ID: mb-67728	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 67728	RunNo: 88349
Prep Date: 5/26/2022	Analysis Date: 5/27/2022	SeqNo: 3133511 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Qualifiers:

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

Gasoline Range Organics (GRO)

Surr: BFB

- 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

146

241

70

37.7

0.372

0

130

212

- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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20

0

S

S

Hall Environmental Analysis Laboratory, Inc.

2205B73 07-Jun-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: mb-67728 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **67728** RunNo: **88349**

Prep Date: 5/26/2022 Analysis Date: 5/27/2022 SeqNo: 3133511 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 880 1000 87.5 37.7 212

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2205B73**

07-Jun-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: mb-67730	SampT	уре: МВ	LK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch	n ID: 677	'30	F	RunNo: 88	3348				
Prep Date: 5/26/2022	Analysis D	Date: 5/2	27/2022	9	SeqNo: 31	133452	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	1.0		1.000		103	70	130			

Sample ID: LCS-67730	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch	n ID: 677	730	F	RunNo: 8	3348				
Prep Date: 5/26/2022	Analysis D	Date: 5/2	27/2022	9	SeqNo: 3	133453	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.6	80	120			
Toluene	0.97	0.050	1.000	0	97.5	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: 2205b73-012ams	Samp1	Гуре: МЅ	i	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-78	Batcl	h ID: 677	'30	F	RunNo: 88	3348				
Prep Date: 5/26/2022	Analysis D	Date: 5/2	27/2022	5	SeqNo: 31	133456	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9443	0	110	68.8	120			
Toluene	1.1	0.047	0.9443	0	116	73.6	124			
Ethylbenzene	1.1	0.047	0.9443	0	118	72.7	129			
Xylenes, Total	3.3	0.094	2.833	0.01722	117	75.7	126			
Surr: 4-Bromofluorobenzene	0.96		0.9443		102	70	130			

Sample ID: 2205b73-012amsd	Samp	Гуре: МЅ	SD .	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH-78	Batcl	h ID: 677	730	F	RunNo: 88	3348				
Prep Date: 5/26/2022	Analysis [Date: 5/2	27/2022	5	SeqNo: 31	133457	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9425	0	112	68.8	120	1.81	20	
Toluene	1.1	0.047	0.9425	0	119	73.6	124	2.25	20	
Ethylbenzene	1.1	0.047	0.9425	0	120	72.7	129	1.68	20	
Xylenes, Total	3.4	0.094	2.828	0.01722	120	75.7	126	2.19	20	
Surr: 4-Bromofluorobenzene	0.93		0.9425		98.8	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

2205B73 07-Jun-22

WO#:

Client: GHD Midland
Project: Gissler AV Battery

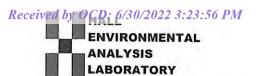
Sample ID: Ics-67728 Client ID: LCSS	•	Гуре: LC h ID: 67 7			tCode: EF		8021B: Volati	les		
Client ID: LCSS Prep Date: 5/26/2022	Analysis [28 27/2022		SeqNo: 3 1		Units: mg/K	·~		
Frep Date. 3/26/2022	Arialysis L	Jaie. 3/ 2	2112022	•	seqivo. 3	133339	Office. Hig/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.2	80	120			
Toluene	0.94	0.050	1.000	0	94.5	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.2	70	130			

Sample ID: mb-67728	Samp ⁻	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: 67 7	728	F	RunNo: 88	3349				
Prep Date: 5/26/2022	Analysis [Date: 5/ 2	27/2022	9	SeqNo: 31	133560	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	0.89		1.000		88.7	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

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Hall Environmental Analysis Laboratory TEL

Website: www.hallenvironmental.com

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4901 Hawkins NE	
Albuquerque. NM 87109	Sample Log-In Check Li
L: 505-345-3975 FAX: 505-345-4107	

С	lient Name:	GHD Midla	and	Work	Order Nun	nber: 220	5B73			RcptNo: 1
Re	eceived By:	Tracy Ca	sarrubias	5/26/20	022 7:00:00	AM				
Co	mpleted By:	Tracy Ca	sarrubias	5/26/20	22 8:31:34	AM				
Re	eviewed By:	2 5.2	6-72							
Ch	ain of Cus	todv								
	Is Chain of Cu		olete?			Yes	V	No	П	Not Present
	How was the					Cou				
L	og In									
-	Was an attem	pt made to	cool the sam	oles?		Yes	V	No		NA 🗆
4.	Were all samp	les receive	d at a temper	ature of >0° C	to 6.0°C	Yes	V	No		NA 🗆
5.	Sample(s) in p	oroper conta	iner(s)?			Yes	V	No		
6.	Sufficient sam	ple volume	for indicated t	est(s)?		Yes	V	No		
				operly preserve	ed?		V	No		
	Was preservat			speny process		Yes		No		NA 🗆
9. 1	Received at lea	ast 1 vial wi	h headspace	<1/4" for AQ V	OA?	Yes		No		NA ☑
10.	Were any sam	ple contain	ers received l	oroken?		Yes		No	V	# of preserved
	Does paperwo					Yes	V	No		bottles checked for pH:
	Note discrepa									(<2 or >12 unless noted)
				in of Custody?			V	1.12		Adjusted?
	s it clear what			1?			V	No	_	1 1 1 1 1
	Vere all holdin If no, notify cu					Yes	V	No	Ц,	Checked by: 562 5(26)22
Spe	cial Handli	ng (if app	olicable)							
			A WALL TO SEE	with this order?)	Yes		No		NA 🗹
	Person I	Notified:			Date				_	
	By Whor	m:			Via:	eMa	ail 🗆] Phone [Fax	☐ In Person
	Regardir	ng:							10 720	
	Client In	structions:							_	
16.	Additional ren	narks:								
17	Cooler Inforn	nation								
	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Da	ata	Signed	Rv	
	1	0.5	Good	Yes	Scarno	Geal Di	ale	Signed	Бу	1
	2	3.7	Good	Yes						-
	3	1.6	Good	Yes						
	4	2.4	Good	Yes						

Culent: GHD Walling Address: Project Name: 324 W. Main St. Suite 108, Artesia NM 88210 Project #: Phone #: (505)377-4218 (25℃ email or Fax#: Becky. Haskell@ghd.com Project Manag QA/QC Package: Becky. Haskell Becky. Haskell	Discort Name		TATE OF THE PERSON OF THE PERS
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	T#1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Hawkins NE -	Albuquerque, NM 87109
Becky.Haskell@ghd.com	1822/32	lel. 505-345-3975 Fax	c 505-345-4107
	Project Manager	A	s Request
	Becky Haskell	s, (Oଧା	(Jue
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Date: Time: Relinquished by: A Received by:	Via:		
Date: Time: Relinquished by: Second Community Received by: Second Community Received by:		Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com; Along with Becky	Settle@eogresources.com; sach.Comino@ghd.com lin@ghd.com; es.com: Along with Becky
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

June 15, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Battery OrderNo.: 2206384

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 27 sample(s) on 6/8/2022 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

Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-89

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 10:45:00 AM

 Lab ID:
 2206384-001
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: NAI
Chloride	980	60	mg/Kg	20	6/10/2022 2:25:17 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	: ED
Diesel Range Organics (DRO)	56	15	mg/Kg	1	6/9/2022 3:35:49 PM	68002
Motor Oil Range Organics (MRO)	80	48	mg/Kg	1	6/9/2022 3:35:49 PM	68002
Surr: DNOP	70.7	51.1-141	%Rec	1	6/9/2022 3:35:49 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 9:53:00 AM	67986
Surr: BFB	81.5	37.7-212	%Rec	1	6/9/2022 9:53:00 AM	67986
EPA METHOD 8021B: VOLATILES					Analys	BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 9:53:00 AM	67986
Toluene	ND	0.049	mg/Kg	1	6/9/2022 9:53:00 AM	67986
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 9:53:00 AM	67986
Xylenes, Total	ND	0.099	mg/Kg	1	6/9/2022 9:53:00 AM	67986
Surr: 4-Bromofluorobenzene	83.3	70-130	%Rec	1	6/9/2022 9:53:00 AM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-90

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 10:50:00 AM

 Lab ID:
 2206384-002
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	970	60	mg/Kg	20	6/10/2022 2:37:37 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: ED
Diesel Range Organics (DRO)	32	14	mg/Kg	1	6/9/2022 4:38:13 PM	68002
Motor Oil Range Organics (MRO)	56	47	mg/Kg	1	6/9/2022 4:38:13 PM	68002
Surr: DNOP	76.7	51.1-141	%Rec	1	6/9/2022 4:38:13 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/9/2022 10:52:00 AM	67986
Surr: BFB	79.7	37.7-212	%Rec	1	6/9/2022 10:52:00 AM	67986
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.023	mg/Kg	1	6/9/2022 10:52:00 AM	67986
Toluene	ND	0.047	mg/Kg	1	6/9/2022 10:52:00 AM	67986
Ethylbenzene	ND	0.047	mg/Kg	1	6/9/2022 10:52:00 AM	67986
Xylenes, Total	ND	0.094	mg/Kg	1	6/9/2022 10:52:00 AM	67986
Surr: 4-Bromofluorobenzene	80.2	70-130	%Rec	1	6/9/2022 10:52:00 AM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-91

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 10:55:00 AM

 Lab ID:
 2206384-003
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	t: NAI
Chloride	1100	60	mg/Kg	20	6/10/2022 3:14:40 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	t: ED
Diesel Range Organics (DRO)	36	14	mg/Kg	1	6/9/2022 4:49:07 PM	68002
Motor Oil Range Organics (MRO)	65	47	mg/Kg	1	6/9/2022 4:49:07 PM	68002
Surr: DNOP	90.4	51.1-141	%Rec	1	6/9/2022 4:49:07 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analyst	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/9/2022 11:51:00 AM	67986
Surr: BFB	78.3	37.7-212	%Rec	1	6/9/2022 11:51:00 AM	67986
EPA METHOD 8021B: VOLATILES					Analyst	t: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 11:51:00 AM	67986
Toluene	ND	0.050	mg/Kg	1	6/9/2022 11:51:00 AM	67986
Ethylbenzene	ND	0.050	mg/Kg	1	6/9/2022 11:51:00 AM	67986
Xylenes, Total	ND	0.099	mg/Kg	1	6/9/2022 11:51:00 AM	67986
Surr: 4-Bromofluorobenzene	81.8	70-130	%Rec	1	6/9/2022 11:51:00 AM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-92

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 11:00:00 AM

 Lab ID:
 2206384-004
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	1100	60	mg/Kg	20	6/10/2022 3:27:02 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: ED
Diesel Range Organics (DRO)	35	15	mg/Kg	1	6/9/2022 5:00:02 PM	68002
Motor Oil Range Organics (MRO)	72	49	mg/Kg	1	6/9/2022 5:00:02 PM	68002
Surr: DNOP	92.9	51.1-141	%Rec	1	6/9/2022 5:00:02 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 12:11:00 PM	67986
Surr: BFB	85.1	37.7-212	%Rec	1	6/9/2022 12:11:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 12:11:00 PM	67986
Toluene	ND	0.049	mg/Kg	1	6/9/2022 12:11:00 PM	67986
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 12:11:00 PM	67986
Xylenes, Total	ND	0.098	mg/Kg	1	6/9/2022 12:11:00 PM	67986
Surr: 4-Bromofluorobenzene	83.6	70-130	%Rec	1	6/9/2022 12:11:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-93

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 11:05:00 AM

 Lab ID:
 2206384-005
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	590	60	mg/Kg	20	6/10/2022 3:39:23 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/9/2022 5:10:58 PM	68002
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/9/2022 5:10:58 PM	68002
Surr: DNOP	104	51.1-141	%Rec	1	6/9/2022 5:10:58 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 12:30:00 PM	67986
Surr: BFB	86.4	37.7-212	%Rec	1	6/9/2022 12:30:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 12:30:00 PM	67986
Toluene	ND	0.048	mg/Kg	1	6/9/2022 12:30:00 PM	67986
Ethylbenzene	ND	0.048	mg/Kg	1	6/9/2022 12:30:00 PM	67986
Xylenes, Total	ND	0.096	mg/Kg	1	6/9/2022 12:30:00 PM	67986
Surr: 4-Bromofluorobenzene	84.4	70-130	%Rec	1	6/9/2022 12:30:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-94

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 12:00:00 PM

 Lab ID:
 2206384-006
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	1700	60	mg/Kg	20	6/10/2022 3:51:43 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	6/9/2022 5:32:40 PM	68002
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/9/2022 5:32:40 PM	68002
Surr: DNOP	82.1	51.1-141	%Rec	1	6/9/2022 5:32:40 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/9/2022 12:50:00 PM	67986
Surr: BFB	86.3	37.7-212	%Rec	1	6/9/2022 12:50:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 12:50:00 PM	67986
Toluene	ND	0.050	mg/Kg	1	6/9/2022 12:50:00 PM	67986
Ethylbenzene	ND	0.050	mg/Kg	1	6/9/2022 12:50:00 PM	67986
Xylenes, Total	ND	0.10	mg/Kg	1	6/9/2022 12:50:00 PM	67986
Surr: 4-Bromofluorobenzene	86.4	70-130	%Rec	1	6/9/2022 12:50:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-95

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 12:05:00 PM

 Lab ID:
 2206384-007
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	680	60	mg/Kg	20	6/10/2022 4:28:46 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: ED
Diesel Range Organics (DRO)	33	15	mg/Kg	1	6/9/2022 5:43:35 PM	68002
Motor Oil Range Organics (MRO)	51	50	mg/Kg	1	6/9/2022 5:43:35 PM	68002
Surr: DNOP	88.2	51.1-141	%Rec	1	6/9/2022 5:43:35 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 1:10:00 PM	67986
Surr: BFB	85.6	37.7-212	%Rec	1	6/9/2022 1:10:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 1:10:00 PM	67986
Toluene	ND	0.049	mg/Kg	1	6/9/2022 1:10:00 PM	67986
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 1:10:00 PM	67986
Xylenes, Total	ND	0.099	mg/Kg	1	6/9/2022 1:10:00 PM	67986
Surr: 4-Bromofluorobenzene	85.3	70-130	%Rec	1	6/9/2022 1:10:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-96

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 12:10:00 PM

 Lab ID:
 2206384-008
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	810	60	mg/Kg	20	6/10/2022 4:41:06 AM	68005
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	17	14	mg/Kg	1	6/9/2022 5:54:32 PM	68002
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/9/2022 5:54:32 PM	68002
Surr: DNOP	77.1	51.1-141	%Rec	1	6/9/2022 5:54:32 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 1:30:00 PM	67986
Surr: BFB	87.8	37.7-212	%Rec	1	6/9/2022 1:30:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 1:30:00 PM	67986
Toluene	ND	0.049	mg/Kg	1	6/9/2022 1:30:00 PM	67986
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 1:30:00 PM	67986
Xylenes, Total	ND	0.098	mg/Kg	1	6/9/2022 1:30:00 PM	67986
Surr: 4-Bromofluorobenzene	86.2	70-130	%Rec	1	6/9/2022 1:30:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-97

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 12:15:00 PM

 Lab ID:
 2206384-009
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1400	60	mg/Kg	20	6/10/2022 11:13:50 AM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	:: ED
Diesel Range Organics (DRO)	92	14	mg/Kg	1	6/9/2022 6:05:27 PM	68002
Motor Oil Range Organics (MRO)	130	47	mg/Kg	1	6/9/2022 6:05:27 PM	68002
Surr: DNOP	58.6	51.1-141	%Rec	1	6/9/2022 6:05:27 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/9/2022 1:50:00 PM	67986
Surr: BFB	88.4	37.7-212	%Rec	1	6/9/2022 1:50:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analyst	:: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 1:50:00 PM	67986
Toluene	ND	0.050	mg/Kg	1	6/9/2022 1:50:00 PM	67986
Ethylbenzene	ND	0.050	mg/Kg	1	6/9/2022 1:50:00 PM	67986
Xylenes, Total	ND	0.10	mg/Kg	1	6/9/2022 1:50:00 PM	67986
Surr: 4-Bromofluorobenzene	87.0	70-130	%Rec	1	6/9/2022 1:50:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-98

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 12:20:00 PM

 Lab ID:
 2206384-010
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	970	60	mg/Kg	20	6/10/2022 11:26:14 AM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: ED
Diesel Range Organics (DRO)	37	14	mg/Kg	1	6/9/2022 6:16:22 PM	68002
Motor Oil Range Organics (MRO)	72	46	mg/Kg	1	6/9/2022 6:16:22 PM	68002
Surr: DNOP	72.7	51.1-141	%Rec	1	6/9/2022 6:16:22 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/9/2022 2:10:00 PM	67986
Surr: BFB	80.1	37.7-212	%Rec	1	6/9/2022 2:10:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 2:10:00 PM	67986
Toluene	ND	0.047	mg/Kg	1	6/9/2022 2:10:00 PM	67986
Ethylbenzene	ND	0.047	mg/Kg	1	6/9/2022 2:10:00 PM	67986
Xylenes, Total	ND	0.094	mg/Kg	1	6/9/2022 2:10:00 PM	67986
Surr: 4-Bromofluorobenzene	83.5	70-130	%Rec	1	6/9/2022 2:10:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-19B

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 12:25:00 PM

 Lab ID:
 2206384-011
 Matrix: MEOH (SOIL)
 Received Date: 6/8/2022 7:20:00 AM

Result **RL Qual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 1700 60 mg/Kg 20 6/8/2022 11:33:09 AM 67982 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: ED Diesel Range Organics (DRO) 15 mg/Kg 6/8/2022 11:20:55 AM 67980 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 6/8/2022 11:20:55 AM 67980 Surr: DNOP 75.4 51.1-141 %Rec 6/8/2022 11:20:55 AM 67980 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 6/8/2022 10:53:00 AM A88560 3.1 mg/Kg 1 Surr: BFB 88.2 37.7-212 %Rec 6/8/2022 10:53:00 AM A88560 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.016 6/8/2022 10:53:00 AM C88560 Benzene mg/Kg Toluene ND 0.031 mg/Kg 6/8/2022 10:53:00 AM C88560 Ethylbenzene ND 0.031 mg/Kg 1 6/8/2022 10:53:00 AM C88560 Xylenes, Total ND 0.062 mg/Kg 6/8/2022 10:53:00 AM C88560 Surr: 4-Bromofluorobenzene 70-130 C88560 90.9 %Rec 6/8/2022 10:53:00 AM

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-99

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 1:00:00 PM

 Lab ID:
 2206384-012
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	240	60	mg/Kg	20	6/10/2022 11:38:38 AM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/9/2022 6:27:17 PM	68002
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/9/2022 6:27:17 PM	68002
Surr: DNOP	60.0	51.1-141	%Rec	1	6/9/2022 6:27:17 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 2:49:00 PM	67986
Surr: BFB	84.4	37.7-212	%Rec	1	6/9/2022 2:49:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 2:49:00 PM	67986
Toluene	ND	0.049	mg/Kg	1	6/9/2022 2:49:00 PM	67986
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 2:49:00 PM	67986
Xylenes, Total	ND	0.098	mg/Kg	1	6/9/2022 2:49:00 PM	67986
Surr: 4-Bromofluorobenzene	84.2	70-130	%Rec	1	6/9/2022 2:49:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-100

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 1:05:00 PM

 Lab ID:
 2206384-013
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	150	60	mg/Kg	20	6/10/2022 11:51:03 AM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/9/2022 6:38:11 PM	68002
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/9/2022 6:38:11 PM	68002
Surr: DNOP	60.1	51.1-141	%Rec	1	6/9/2022 6:38:11 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/9/2022 3:09:00 PM	67986
Surr: BFB	86.0	37.7-212	%Rec	1	6/9/2022 3:09:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 3:09:00 PM	67986
Toluene	ND	0.047	mg/Kg	1	6/9/2022 3:09:00 PM	67986
Ethylbenzene	ND	0.047	mg/Kg	1	6/9/2022 3:09:00 PM	67986
Xylenes, Total	ND	0.095	mg/Kg	1	6/9/2022 3:09:00 PM	67986
Surr: 4-Bromofluorobenzene	86.6	70-130	%Rec	1	6/9/2022 3:09:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-101

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 1:10:00 PM

 Lab ID:
 2206384-014
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	550	60	mg/Kg	20	6/10/2022 12:03:27 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/10/2022 3:46:22 PM	68002
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/10/2022 3:46:22 PM	68002
Surr: DNOP	56.2	51.1-141	%Rec	1	6/10/2022 3:46:22 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/9/2022 3:29:00 PM	67986
Surr: BFB	83.2	37.7-212	%Rec	1	6/9/2022 3:29:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 3:29:00 PM	67986
Toluene	ND	0.050	mg/Kg	1	6/9/2022 3:29:00 PM	67986
Ethylbenzene	ND	0.050	mg/Kg	1	6/9/2022 3:29:00 PM	67986
Xylenes, Total	ND	0.10	mg/Kg	1	6/9/2022 3:29:00 PM	67986
Surr: 4-Bromofluorobenzene	86.1	70-130	%Rec	1	6/9/2022 3:29:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-102

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 1:15:00 PM

 Lab ID:
 2206384-015
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	250	60	mg/Kg	20	6/10/2022 12:15:51 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/9/2022 6:59:54 PM	68002
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/9/2022 6:59:54 PM	68002
Surr: DNOP	58.7	51.1-141	%Rec	1	6/9/2022 6:59:54 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 3:49:00 PM	67986
Surr: BFB	83.7	37.7-212	%Rec	1	6/9/2022 3:49:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 3:49:00 PM	67986
Toluene	ND	0.048	mg/Kg	1	6/9/2022 3:49:00 PM	67986
Ethylbenzene	ND	0.048	mg/Kg	1	6/9/2022 3:49:00 PM	67986
Xylenes, Total	ND	0.097	mg/Kg	1	6/9/2022 3:49:00 PM	67986
Surr: 4-Bromofluorobenzene	85.8	70-130	%Rec	1	6/9/2022 3:49:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-103

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 1:20:00 PM

 Lab ID:
 2206384-016
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: JMT
Chloride	360	61	mg/Kg	20	6/10/2022 12:28:15 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	6/9/2022 7:10:44 PM	68002
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/9/2022 7:10:44 PM	68002
Surr: DNOP	59.3	51.1-141	%Rec	1	6/9/2022 7:10:44 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 4:09:00 PM	67986
Surr: BFB	83.3	37.7-212	%Rec	1	6/9/2022 4:09:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 4:09:00 PM	67986
Toluene	ND	0.049	mg/Kg	1	6/9/2022 4:09:00 PM	67986
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 4:09:00 PM	67986
Xylenes, Total	ND	0.098	mg/Kg	1	6/9/2022 4:09:00 PM	67986
Surr: 4-Bromofluorobenzene	85.9	70-130	%Rec	1	6/9/2022 4:09:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-104

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 2:00:00 PM

 Lab ID:
 2206384-017
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: JMT
Chloride	770	60	mg/Kg	20	6/10/2022 12:40:39 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/9/2022 7:21:33 PM	68002
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/9/2022 7:21:33 PM	68002
Surr: DNOP	56.4	51.1-141	%Rec	1	6/9/2022 7:21:33 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/9/2022 4:29:00 PM	67986
Surr: BFB	84.8	37.7-212	%Rec	1	6/9/2022 4:29:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.023	mg/Kg	1	6/9/2022 4:29:00 PM	67986
Toluene	ND	0.047	mg/Kg	1	6/9/2022 4:29:00 PM	67986
Ethylbenzene	ND	0.047	mg/Kg	1	6/9/2022 4:29:00 PM	67986
Xylenes, Total	ND	0.094	mg/Kg	1	6/9/2022 4:29:00 PM	67986
Surr: 4-Bromofluorobenzene	85.8	70-130	%Rec	1	6/9/2022 4:29:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-105

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 2:05:00 PM

 Lab ID:
 2206384-018
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1600	60	mg/Kg	20	6/10/2022 1:17:52 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	6/10/2022 4:10:11 PM	68002
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/10/2022 4:10:11 PM	68002
Surr: DNOP	66.9	51.1-141	%Rec	1	6/10/2022 4:10:11 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/9/2022 4:48:00 PM	67986
Surr: BFB	86.8	37.7-212	%Rec	1	6/9/2022 4:48:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.023	mg/Kg	1	6/9/2022 4:48:00 PM	67986
Toluene	ND	0.047	mg/Kg	1	6/9/2022 4:48:00 PM	67986
Ethylbenzene	ND	0.047	mg/Kg	1	6/9/2022 4:48:00 PM	67986
Xylenes, Total	ND	0.094	mg/Kg	1	6/9/2022 4:48:00 PM	67986
Surr: 4-Bromofluorobenzene	87.3	70-130	%Rec	1	6/9/2022 4:48:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-106

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 2:10:00 PM

 Lab ID:
 2206384-019
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1100	59	mg/Kg	20	6/10/2022 1:30:16 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	6/10/2022 4:34:02 PM	68002
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/10/2022 4:34:02 PM	68002
Surr: DNOP	80.4	51.1-141	%Rec	1	6/10/2022 4:34:02 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 5:08:00 PM	67986
Surr: BFB	86.1	37.7-212	%Rec	1	6/9/2022 5:08:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 5:08:00 PM	67986
Toluene	ND	0.048	mg/Kg	1	6/9/2022 5:08:00 PM	67986
Ethylbenzene	ND	0.048	mg/Kg	1	6/9/2022 5:08:00 PM	67986
Xylenes, Total	ND	0.096	mg/Kg	1	6/9/2022 5:08:00 PM	67986
Surr: 4-Bromofluorobenzene	86.7	70-130	%Rec	1	6/9/2022 5:08:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-107

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 2:15:00 PM

 Lab ID:
 2206384-020
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	1200	60	mg/Kg	20	6/10/2022 1:42:40 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	6/9/2022 7:54:01 PM	68002
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/9/2022 7:54:01 PM	68002
Surr: DNOP	60.3	51.1-141	%Rec	1	6/9/2022 7:54:01 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 5:28:00 PM	67986
Surr: BFB	84.9	37.7-212	%Rec	1	6/9/2022 5:28:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 5:28:00 PM	67986
Toluene	ND	0.048	mg/Kg	1	6/9/2022 5:28:00 PM	67986
Ethylbenzene	ND	0.048	mg/Kg	1	6/9/2022 5:28:00 PM	67986
Xylenes, Total	ND	0.097	mg/Kg	1	6/9/2022 5:28:00 PM	67986
Surr: 4-Bromofluorobenzene	82.8	70-130	%Rec	1	6/9/2022 5:28:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: BH-108

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 2:20:00 PM

 Lab ID:
 2206384-021
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	630	60	mg/Kg	20	6/10/2022 1:55:05 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	33	15	mg/Kg	1	6/10/2022 4:57:49 PM	68002
Motor Oil Range Organics (MRO)	76	49	mg/Kg	1	6/10/2022 4:57:49 PM	68002
Surr: DNOP	79.4	51.1-141	%Rec	1	6/10/2022 4:57:49 PM	68002
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 5:48:00 PM	67986
Surr: BFB	80.9	37.7-212	%Rec	1	6/9/2022 5:48:00 PM	67986
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 5:48:00 PM	67986
Toluene	ND	0.049	mg/Kg	1	6/9/2022 5:48:00 PM	67986
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 5:48:00 PM	67986
Xylenes, Total	ND	0.098	mg/Kg	1	6/9/2022 5:48:00 PM	67986
Surr: 4-Bromofluorobenzene	83.1	70-130	%Rec	1	6/9/2022 5:48:00 PM	67986

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-26A

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 3:00:00 PM

 Lab ID:
 2206384-022
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	170	61	mg/Kg	20	6/10/2022 2:07:29 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	6/9/2022 11:37:28 AM	68001
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/9/2022 11:37:28 AM	68001
Surr: DNOP	85.2	51.1-141	%Rec	1	6/9/2022 11:37:28 AM	68001
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 7:47:00 PM	67989
Surr: BFB	84.1	37.7-212	%Rec	1	6/9/2022 7:47:00 PM	67989
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 7:47:00 PM	67989
Toluene	ND	0.048	mg/Kg	1	6/9/2022 7:47:00 PM	67989
Ethylbenzene	ND	0.048	mg/Kg	1	6/9/2022 7:47:00 PM	67989
Xylenes, Total	ND	0.097	mg/Kg	1	6/9/2022 7:47:00 PM	67989
Surr: 4-Bromofluorobenzene	86.2	70-130	%Rec	1	6/9/2022 7:47:00 PM	67989

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-41A

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 3:05:00 PM

 Lab ID:
 2206384-023
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	68	61	mg/Kg	20	6/10/2022 2:19:53 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: JME
Diesel Range Organics (DRO)	110	14	mg/Kg	1	6/10/2022 2:42:15 PM	68001
Motor Oil Range Organics (MRO)	310	48	mg/Kg	1	6/10/2022 2:42:15 PM	68001
Surr: DNOP	60.5	51.1-141	%Rec	1	6/10/2022 2:42:15 PM	68001
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 8:47:00 PM	67989
Surr: BFB	82.2	37.7-212	%Rec	1	6/9/2022 8:47:00 PM	67989
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 8:47:00 PM	67989
Toluene	ND	0.049	mg/Kg	1	6/9/2022 8:47:00 PM	67989
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 8:47:00 PM	67989
Xylenes, Total	ND	0.098	mg/Kg	1	6/9/2022 8:47:00 PM	67989
Surr: 4-Bromofluorobenzene	84.1	70-130	%Rec	1	6/9/2022 8:47:00 PM	67989

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-42A

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 3:10:00 PM

 Lab ID:
 2206384-024
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	88	60	mg/Kg	20	6/10/2022 2:32:17 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/9/2022 11:58:50 AM	68001
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/9/2022 11:58:50 AM	68001
Surr: DNOP	74.1	51.1-141	%Rec	1	6/9/2022 11:58:50 AM	68001
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 9:46:00 PM	67989
Surr: BFB	85.3	37.7-212	%Rec	1	6/9/2022 9:46:00 PM	67989
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 9:46:00 PM	67989
Toluene	ND	0.049	mg/Kg	1	6/9/2022 9:46:00 PM	67989
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 9:46:00 PM	67989
Xylenes, Total	ND	0.097	mg/Kg	1	6/9/2022 9:46:00 PM	67989
Surr: 4-Bromofluorobenzene	82.8	70-130	%Rec	1	6/9/2022 9:46:00 PM	67989

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-43

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 3:15:00 PM

 Lab ID:
 2206384-025
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	160	60	mg/Kg	20	6/10/2022 2:44:42 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	6/9/2022 12:09:31 PM	68001
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/9/2022 12:09:31 PM	68001
Surr: DNOP	68.3	51.1-141	%Rec	1	6/9/2022 12:09:31 PM	68001
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 10:05:00 PM	67989
Surr: BFB	84.5	37.7-212	%Rec	1	6/9/2022 10:05:00 PM	67989
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	6/9/2022 10:05:00 PM	67989
Toluene	ND	0.049	mg/Kg	1	6/9/2022 10:05:00 PM	67989
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 10:05:00 PM	67989
Xylenes, Total	ND	0.098	mg/Kg	1	6/9/2022 10:05:00 PM	67989
Surr: 4-Bromofluorobenzene	82.4	70-130	%Rec	1	6/9/2022 10:05:00 PM	67989

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-44

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 3:20:00 PM

 Lab ID:
 2206384-026
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	110	60	mg/Kg	20	6/10/2022 2:57:06 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: ED
Diesel Range Organics (DRO)	16	15	mg/Kg	1	6/9/2022 12:20:13 PM	68001
Motor Oil Range Organics (MRO)	52	49	mg/Kg	1	6/9/2022 12:20:13 PM	68001
Surr: DNOP	66.6	51.1-141	%Rec	1	6/9/2022 12:20:13 PM	68001
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 10:25:00 PM	67989
Surr: BFB	82.0	37.7-212	%Rec	1	6/9/2022 10:25:00 PM	67989
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 10:25:00 PM	67989
Toluene	ND	0.048	mg/Kg	1	6/9/2022 10:25:00 PM	67989
Ethylbenzene	ND	0.048	mg/Kg	1	6/9/2022 10:25:00 PM	67989
Xylenes, Total	ND	0.095	mg/Kg	1	6/9/2022 10:25:00 PM	67989
Surr: 4-Bromofluorobenzene	83.5	70-130	%Rec	1	6/9/2022 10:25:00 PM	67989

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

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Date Reported: 6/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-45

 Project:
 Gissler AV Battery
 Collection Date: 6/6/2022 3:25:00 PM

 Lab ID:
 2206384-027
 Matrix: SOIL
 Received Date: 6/8/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	120	60	mg/Kg	20	6/10/2022 3:09:31 PM	68040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/10/2022 10:13:06 AM	68001
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/10/2022 10:13:06 AM	68001
Surr: DNOP	63.2	51.1-141	%Rec	1	6/10/2022 10:13:06 AM	68001
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 10:45:00 PM	67989
Surr: BFB	81.9	37.7-212	%Rec	1	6/9/2022 10:45:00 PM	67989
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.024	mg/Kg	1	6/9/2022 10:45:00 PM	67989
Toluene	ND	0.049	mg/Kg	1	6/9/2022 10:45:00 PM	67989
Ethylbenzene	ND	0.049	mg/Kg	1	6/9/2022 10:45:00 PM	67989
Xylenes, Total	ND	0.097	mg/Kg	1	6/9/2022 10:45:00 PM	67989
Surr: 4-Bromofluorobenzene	84.4	70-130	%Rec	1	6/9/2022 10:45:00 PM	67989

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

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Hall Environmental Analysis Laboratory, Inc.

14

ND

14

1.5

WO#: **2206384** 15-Jun-22

Client: GHD Midland
Project: Gissler AV Battery

 Sample ID:
 MB-67982
 SampType: mblk
 TestCode: EPA Method 300.0: Anions

 Client ID:
 PBS
 Batch ID: 67982
 RunNo: 88574

Prep Date: 6/8/2022 Analysis Date: 6/8/2022 SeqNo: 3144131 Units: mq/Kq

15.00

15.00

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

Chloride ND 1.5

Sample ID: LCS-67982 TestCode: EPA Method 300.0: Anions SampType: Ics Client ID: LCSS Batch ID: 67982 RunNo: 88574 Prep Date: 6/8/2022 Analysis Date: 6/8/2022 SeqNo: 3144132 Units: mg/Kg **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

93.3

92.4

90

110

Sample ID: MB-68005 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 68005 RunNo: 88636 Prep Date: Analysis Date: 6/9/2022 6/9/2022 SeqNo: 3146143 Units: mg/Kg Result POI SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte I owl imit HighLimit

Sample ID: LCS-68005 SampType: Ics TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 68005 RunNo: 88636 Prep Date: Analysis Date: 6/9/2022 6/9/2022 SeqNo: 3146144 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit

Sample ID: MB-68040 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: Batch ID: 68040 RunNo: 88665 PRS Prep Date: 6/10/2022 Analysis Date: 6/10/2022 SeqNo: 3147199 Units: mg/Kg SPK value SPK Ref Val **RPDLimit** Analyte Result **PQL** %REC LowLimit HighLimit %RPD Qual

Chloride ND 1.5

Sample ID: LCS-68040 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 68040 RunNo: 88665

1.5

Prep Date: 6/10/2022 Analysis Date: 6/10/2022 SeqNo: 3147200 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride 15 1.5 15.00 0 96.9 90 110

Qualifiers:

Chloride

Chloride

Chloride

- 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2206384** *15-Jun-22*

Client: GHD Midland
Project: Gissler AV Battery

Project:	Gissier Av	Buttery									
Sample ID: ME	B-67980	SampTy	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PB	BS	Batch	ID: 679	980	RunNo: 88561						
Prep Date: 6	/8/2022	Analysis Da	ate: 6/ 8	8/2022	Ş	SeqNo: 31	143066	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Orga	nics (DRO)	ND	15								
Motor Oil Range Or	rganics (MRO)	ND	50								
Surr: DNOP		9.1		10.00		90.8	51.1	141			
Sample ID: LC	S-67980	SampTy	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LC	ss	Batch	ID: 67 9	980	F	RunNo: 88	3561				
Prep Date: 6	/8/2022	Analysis Da	ate: 6/ 8	8/2022	S	SeqNo: 31	143067	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Orga	nics (DRO)	48	15	50.00	0	95.8	64.4	127			
Surr: DNOP		3.5		5.000		70.8	51.1	141			
Sample ID: 22	06384-011AMS	SampTy	ype: MS	3	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: BH	I-19B	Batch	ID: 67 9	980	F	RunNo: 88	3561				
Prep Date: 6	/8/2022	Analysis Da	ate: 6/ 8	8/2022	5	SeqNo: 31	143089	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Orga	inics (DRO)	46	14	48.03	0	95.3	36.1	154			
Surr: DNOP		3.0		4.803		62.8	51.1	141			
Sample ID: 22	06384-011AMSD	SampTy	ype: MS	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: BH	I-19B	Batch	ID: 67 9	980	F	RunNo: 88	3561				
Prep Date: 6	/8/2022	Analysis Da	ate: 6/ 8	8/2022	5	SeqNo: 31	144707	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Orga	inics (DRO)	47	15	48.45	0	96.2	36.1	154	1.84	33.9	
Surr: DNOP		3.2		4.845		66.1	51.1	141	0	0	
Sample ID: LC	S-68001	SampTy	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LC	ss	Batch	ID: 680	001	F	RunNo: 88	3603				
Prep Date: 6	/8/2022	Analysis Da	ate: 6/ 9	9/2022	5	SeqNo: 31	144812	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dissal Banga Orga	nics (DRO)	55	15	50.00	0	110	64.4	127			
Diesei Kaliye Olya			. •	00.00	J	110	07.7	121			

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2206384**

15-Jun-22

Client:	GHD Midland
Project:	Gissler AV Battery

Project: Gissler A	AV Battery									
Sample ID: MB-68001	SampTy	pe: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 68 0	001	F	RunNo: 88	8603				
Prep Date: 6/8/2022	Analysis Da	ate: 6/ 9	9/2022	5	SeqNo: 3	144813	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50	40.00		100	-4.4	444			
Surr: DNOP	10		10.00		103	51.1	141			
Sample ID: 2206384-001AMS	SampTy	/ре: М .S	6	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: BH-89	Batch	ID: 68 0	002	F	RunNo: 8	8603				
Prep Date: 6/8/2022	Analysis Da	ate: 6/ 9	9/2022	5	SeqNo: 3	145023	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	89	14	47.85	55.97	68.0	36.1	154			
Surr: DNOP	3.5		4.785		74.0	51.1	141			
Sample ID: 2206384-001AMS	D SampTy	pe: MS	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: BH-89	Batch	ID: 68 0	002	F	RunNo: 8	8603				
Prep Date: 6/8/2022	Analysis Da	ate: 6/ 9	9/2022	5	SeqNo: 3	145024	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	120	14	47.30	55.97	127	36.1	154	28.6	33.9	
Surr: DNOP	3.4		4.730		72.4	51.1	141	0	0	
Sample ID: LCS-68002	SampTy	pe: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 68 0	002	F	RunNo: 8	8603				
Prep Date: 6/8/2022	Analysis Da	ate: 6/ 9	9/2022	(SeqNo: 3	145029	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	15	50.00	0	102	64.4	127			
Surr: DNOP	4.3		5.000		86.5	51.1	141			
Sample ID: MB-68002	SampTy	/pe: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 68 0	002	F	RunNo: 88	8603				
Prep Date: 6/8/2022	Analysis Da	ate: 6/ 9	9/2022	Ş	SeqNo: 3	145030	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		100	51.1	141			

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2206384** *15-Jun-22*

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 2.5ug gro lcs	SampType: LC	s	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: A8	8560	F	RunNo: 88560						
Prep Date:	Analysis Date: 6/	8/2022	S	SeqNo: 31	43766	Units: mg/k	(g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	26 5.0	25.00	0	105	72.3	137				
Surr: BFB	2100	1000		212	37.7	212			S	
Sample ID: mb	SampType: MI	BLK	Tes	tCode: EP	A Method	8015D: Gaso	line Range			
Client ID: PBS	Batch ID: A8	8560	F	RunNo: 88	560					
Prep Date:	Analysis Date: 6/	8/2022	9	SeqNo: 31	43806	Units: mg/k	(g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND 5.0									
Surr: BFB	930	1000		92.6	37.7	212				
Sample ID: Ics-67986	SampType: LC	s	Tes	tCode: EP	A Method	8015D: Gaso	line Range			
Client ID: LCSS	Batch ID: 67	986	F	RunNo: 88	619					
Prep Date: 6/8/2022	Analysis Date: 6/	9/2022	9	SeqNo: 31	45156	Units: mg/k	(g			
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	72.3	137				
Surr: BFB	1800	1000		181	37.7	212				
Sample ID: mb-67986	SampType: MI	BLK	Tes	tCode: EP	A Method	8015D: Gaso	line Range			
Client ID: PBS	Batch ID: 67	986	F	RunNo: 88	619					
Prep Date: 6/8/2022	Analysis Date: 6/	9/2022	9	SeqNo: 31	45157	Units: mg/k	(g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND 5.0									
Surr: BFB	860	1000		85.7	37.7	212				
Sample ID: 2206384-001ams	SampType: M	3	Tes	tCode: EP	A Method	8015D: Gaso	line Range	!		
Client ID: BH-89	Batch ID: 67	986	F	RunNo: 88	619					
Prep Date: 6/8/2022	Analysis Date: 6/	9/2022	5	SeqNo: 31	45159	Units: mg/k	(g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	29 4.9	24.30	0	121	70	130				
Surr: BFB	2100	971.8		212	37.7	212				
Sample ID: 2206384-001amsd	SampType: MS	SD	Tes	tCode: EP	A Method	8015D: Gaso	line Range			
Client ID: BH-89	Batch ID: 67	986	F	RunNo: 88	619					

Qualifiers:

Analyte

Prep Date:

Value exceeds Maximum Contaminant Level.

6/8/2022

- 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

Analysis Date: 6/9/2022

PQL

Result

B Analyte detected in the associated Method Blank

SeqNo: 3145160

LowLimit

Units: mg/Kg

HighLimit

%RPD

E Estimated value

SPK value SPK Ref Val

J Analyte detected below quantitation limits

%REC

- P Sample pH Not In Range
- RL Reporting Limit

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RPDLimit

Qual

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206384**

15-Jun-22

Client: GHD Midland
Project: Gissler AV Battery

Project:	Gissler A	v battery									
Sample ID:	2206384-001amsd	SampT	уре: М	SD	TestCode: EPA Method 8015D: Gasoline Range						
Client ID:	BH-89	Batch	n ID: 67 9	986	RunNo: 88619						
Prep Date:	6/8/2022	Analysis D	ate: 6/ 9	9/2022	SeqNo: 3145160			Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	31	5.0	24.80	0	123	70	130	3.87	20	
Surr: BFB		2100		992.1		214	37.7	212	0	0	S
Sample ID:	lcs-67989	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	LCSS	Batch	n ID: 67 9	989	F	unNo: 88	3619				
Prep Date:	6/8/2022	Analysis D	ate: 6/ 9	9/2022	S	SeqNo: 31	145180	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	23	5.0	25.00	0	93.7	72.3	137			
Surr: BFB		1800		1000		184	37.7	212			
Sample ID:	mb-67989	SampT	ype: ME	BLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID:	PBS	Batch ID: 67989			RunNo: 88619						
Prep Date:	6/8/2022	Analysis D	ate: 6/ 9	9/2022	SeqNo: 3145181			Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	ND	5.0								
Surr: BFB		840		1000		83.7	37.7	212			
Sample ID:	2206384-022ams	SampT	ype: MS	3	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	ı	
Client ID:	SW-26A	Batch	n ID: 67 9	989	F	RunNo: 88	3619				
Prep Date:	6/8/2022	Analysis D	ate: 6/ 9	9/2022	S	SeqNo: 31	145183	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	4.8	24.18	0	105	70	130			
Surr: BFB		1900		967.1		195	37.7	212			
Sample ID:	2206384-022amsd	SampT	уре: м .	SD	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	SW-26A	Batch	n ID: 67 9	989	F	RunNo: 88	3619				
Prep Date:	6/8/2022	Analysis D	oate: 6/9	9/2022	5	SeqNo: 31	145184	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	24	4.8	24.06	0	100	70	130	5.38	20	
Surr: BFB		1900		962.5		198	37.7	212	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2206384**

15-Jun-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: 100ng btex Ics	Samp ⁻	Гуре: LC :	S	Tes	tCode: EF	les					
Client ID: LCSS	Batc	h ID: C8	B560	F	RunNo: 88	3560					
Prep Date:	Analysis [Date: 6/8	3/2022	9	SeqNo: 31	143816	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.92	0.025	1.000	0	91.8	80	120				
Toluene	0.94	0.050	1.000	0	94.4	80	120				
Ethylbenzene	0.94	0.050	1.000	0	94.0	80	120				
Xylenes, Total	2.9	0.10	3.000	0	95.2	80	120				
Surr: 4-Bromofluorobenzene	0.96		1.000		96.5	70	130				

Sample ID: 2206384-011ams	Samp	SampType: MS TestCode: EPA Metho					8021B: Volati	les		
Client ID: BH-19B	Batc	h ID: C8	8560	F	RunNo: 88	3560				
Prep Date:	Analysis [Analysis Date: 6/8/2022 SeqNo: 314385					Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.1	68.8	120			
Toluene	0.94	0.050	1.000	0	93.9	73.6	124			
Ethylbenzene	0.94	0.050	1.000	0	93.5	72.7	129			
Xylenes, Total	2.8	0.10	3.000	0	94.1	75.7	126			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	70	130			

Sample ID: 2206384-011amsd	Samp ⁻	Гуре: МЅ	D	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: BH-19B	Batc	h ID: C8	B560	F	RunNo: 88	3560				
Prep Date:	Analysis [Date: 6/8	3/2022	5	SeqNo: 31	43854	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.5	68.8	120	0.449	20	
Toluene	0.94	0.050	1.000	0	94.4	73.6	124	0.467	20	
Ethylbenzene	0.95	0.050	1.000	0	95.5	72.7	129	2.05	20	
Xylenes, Total	2.9	0.10	3.000	0	95.9	75.7	126	1.88	20	
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	70	130	0	0	

Sample ID: mb	SampT	уре: МЕ	BLK	Tes	tCode: EF	les				
Client ID: PBS	Batcl	n ID: C8	8560	F	RunNo: 88	3560				
Prep Date:	Analysis D	Date: 6/8	3/2022	9	SeqNo: 31	143856	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	0.92		1.000		91.5	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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2206384**

15-Jun-22

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: Ics-67986	Samp	ype: LC :	S	Tes	tCode: EF					
Client ID: LCSS	Batcl	n ID: 67 9	86	F	RunNo: 8	3619				
Prep Date: 6/8/2022	Analysis [Date: 6/ 9	9/2022	5	SeqNo: 3	145204	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.0	80	120			
Toluene	0.93	0.050	1.000	0	93.4	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.7	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.2	70	130			

Sample ID: mb-67986	Samp1	SampType: MBLK TestCode: EPA Method					8021B: Volati	les		
Client ID: PBS	Batcl	n ID: 67 9	986	F	RunNo: 88	3619				
Prep Date: 6/8/2022	Analysis [Date: 6/ 9	9/2022	5	SeqNo: 3145205 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	0.85		1.000		85.5	70	130			

Sample ID: 2206384-002ams	Samp	SampType: MS TestCode: EPA Method						les		
Client ID: BH-90	Batc	Batch ID: 67986 RunNo: 88619								
Prep Date: 6/8/2022	Analysis I	Date: 6/ 9	9/2022	5	SeqNo: 3	145208	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9872	0	111	68.8	120			
Toluene	1.1	0.049	0.9872	0	114	73.6	124			
Ethylbenzene	1.1	0.049	0.9872	0	116	72.7	129			
Xylenes, Total	3.4	0.099	2.962	0	115	75.7	126			
Surr: 4-Bromofluorobenzene	0.82		0.9872		83.5	70	130			

Sample ID: 2206384-002amsd	Samp	SampType: MSD TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-90	Batcl	Batch ID: 67986 RunNo: 88619								
Prep Date: 6/8/2022	Analysis [nalysis Date: 6/9/2022 SeqNo: 3145209 Ur						g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9950	0	112	68.8	120	1.08	20	
Toluene	1.1	0.050	0.9950	0	114	73.6	124	0.409	20	
Ethylbenzene	1.1	0.050	0.9950	0	114	72.7	129	0.366	20	
Xylenes, Total	3.4	0.10	2.985	0	113	75.7	126	0.845	20	
Surr: 4-Bromofluorobenzene	0.83		0.9950		83.5	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
- 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 34 of 35

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206384** *15-Jun-22*

Client: GHD Midland
Project: Gissler AV Battery

Sample ID: Ics-67989	Samp	Гуре: LC :	s	Tes	tCode: EF	les					
Client ID: LCSS	Batcl	h ID: 67 9	89	F	RunNo: 88	3619					
Prep Date: 6/8/2022	Analysis [Date: 6/ 9	9/2022	5	SeqNo: 3145228			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.87	0.025	1.000	0	87.5	80	120				
Toluene	0.88	0.050	1.000	0	88.4	80	120				
Ethylbenzene	0.88	0.050	1.000	0	88.0	80	120				
Xylenes, Total	2.6	0.10	3.000	0	87.1	80	120				
Surr: 4-Bromofluorobenzene	0.85		1.000		85.4	70	130				

Sample ID: mb-67989	Samp1	уре: МЕ	BLK	Tes	tCode: EF	les				
Client ID: PBS	Batcl	n ID: 67 9	989	F	RunNo: 88	3619				
Prep Date: 6/8/2022	Analysis D	Date: 6/ 9	9/2022	5	SeqNo: 31	145229	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		84.3	70	130			

Sample ID: 2206384-023ams	Samp ⁻	Туре: М S	3	Tes	tCode: EF	PA Method	les			
Client ID: SW-41A	Batc	h ID: 67 9	989	F	RunNo: 8	3619				
Prep Date: 6/8/2022	Analysis [Date: 6/ 9	9/2022	5	SeqNo: 3	145232	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	0.9804	0	92.8	68.8	120			
Toluene	0.93	0.049	0.9804	0	94.4	73.6	124			
Ethylbenzene	0.92	0.049	0.9804	0	94.1	72.7	129			
Xylenes, Total	2.7	0.098	2.941	0	93.1	75.7	126			
Surr: 4-Bromofluorobenzene	0.83		0.9804		84.2	70	130			

Sample ID: 2206384-023amsd	SampT	SampType: MSD TestCode: EPA Method 8021B: Volatiles								
Client ID: SW-41A	Batch	n ID: 679	89	F	RunNo: 88	3619				
Prep Date: 6/8/2022	Analysis D	oate: 6/9	9/2022	5	SeqNo: 31	145233	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.024	0.9775	0	95.4	68.8	120	2.55	20	
Toluene	0.95	0.049	0.9775	0	97.6	73.6	124	3.08	20	
Ethylbenzene	0.96	0.049	0.9775	0	97.8	72.7	129	3.53	20	
Xylenes, Total	2.8	0.098	2.933	0	97.0	75.7	126	3.73	20	
Surr: 4-Bromofluorobenzene	0.83		0.9775		84.6	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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 35 of 35



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

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	GHD Midland	Work Order Numb	er: 2206384		ReptNo: 1						
Received By:	Cheyenne Cason			Chul Chul							
Completed By:	Cheyenne Cason	6/8/2022 8:14:41 A	VI	Chul							
Reviewed By:	6-8-22										
Chain of Cust	tod <u>y</u>										
1. Is Chain of Cu	stody complete?		Yes 🗹	No 🗌	Not Present						
2. How was the	sample delivered?		<u>Client</u>								
Log In											
3. Was an attem	pt made to cool the	samples?	Yes 🗹	No 🗌	NA 🗆						
4. Were all samp	les received at a ter	mperature of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗌						
5. Sample(s) in p	proper container(s)?		Yes 🗹	No 🗆							
6. Sufficient sam	ple volume for indica	ated test(s)?	Yes 🗹	No 🗆							
7. Are samples (e	except VOA and ON	G) properly preserved?	Yes 🗹	No 🗆							
8. Was preservat	ive added to bottles	?	Yes 🗌	No 🗹	NA 🗌						
9. Received at le	ast 1 vial with heads	space <1/4" for AQ VOA?	Yes 🗌	No 🗆	NA 🗹						
10. Were any sam	nple containers rece	ived broken?	Yes 🗆	No 🗹 [#of preserved						
					bottles shecked	6/8/22					
	rk match bottle labe incles on chain of cu		Yes 🗹	No ∐	for pH: (<2 or.	≥12 unless noted)					
· ·	correctly identified or	• •	Yes 🗹	No □	Adjusted?						
	analyses were requ		Yes 🗹	No 🗆							
	ng times able to be r ustomer for authoriza		Yes 🗹	No 🗌	Checked by:						
	ing (if applicab										
		ncies with this order?	Yes 🗌	No 🗆	NA 🗹						
Person	Notified:	Date:	201100000000000000000000000000000000000								
By Who	ım:	Via:	,	Phone Fax	In Person						
Regardi	ng:										
	nstructions:										
16. Additional rer	marks:										
17. Cooler Infor	mation										
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Client: GHD

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ANALYSIS LABORATORY HALL ENVIRONMENTAL

Chain-of-Custody Record

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HALL ENVIRONMENTAL ANALYSIS LABORATORY



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

June 24, 2022

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

TEL: (432) 686-0086

FAX:

RE: Gissler AV Tank Battery OrderNo.: 2206B25

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/22/2022 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2206B25

Date Reported: 6/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Client Sample ID: SW-41B

Project: Gissler AV Tank Battery Collection Date: 6/20/2022 10:30:00 AM

Lab ID: 2206B25-001 **Matrix:** MEOH (SOIL) **Received Date:** 6/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	180	60	mg/Kg	20	6/22/2022 3:43:37 PM	68297
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	6/22/2022 11:56:23 AM	68282
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	6/22/2022 11:56:23 AM	68282
Surr: DNOP	70.3	51.1-141	%Rec	1	6/22/2022 11:56:23 AM	68282
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	6/22/2022 9:27:06 AM	A88935
Surr: BFB	88.1	37.7-212	%Rec	1	6/22/2022 9:27:06 AM	A88935
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.021	mg/Kg	1	6/22/2022 9:27:06 AM	C88935
Toluene	ND	0.042	mg/Kg	1	6/22/2022 9:27:06 AM	C88935
Ethylbenzene	ND	0.042	mg/Kg	1	6/22/2022 9:27:06 AM	C88935
Xylenes, Total	ND	0.084	mg/Kg	1	6/22/2022 9:27:06 AM	C88935
Surr: 4-Bromofluorobenzene	87.2	70-130	%Rec	1	6/22/2022 9:27:06 AM	C88935

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.

2206B25 24-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: MB-68297 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 68297 RunNo: 88965

Prep Date: 6/22/2022 Analysis Date: 6/22/2022 SeqNo: 3159374 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-68297 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 68297 RunNo: 88965

Prep Date: 6/22/2022 Analysis Date: 6/22/2022 SeqNo: 3159375 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 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 2 of 5

Hall Environmental Analysis Laboratory, Inc.

9.1

2206B25 24-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

Sample ID: LCS-68282	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 682	282	F	RunNo: 88	3913				
Prep Date: 6/22/2022	Analysis D	ate: 6/2	22/2022	5	SeqNo: 31	158877	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	15	50.00	0	95.1	64.4	127			
Surr: DNOP	3.1		5.000		61.2	51.1	141			

Sample ID: MB-68282 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 68282 RunNo: 88913 Prep Date: 6/22/2022 Analysis Date: 6/22/2022 SeqNo: 3158878 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 15 Motor Oil Range Organics (MRO) ND 50

90.7

51.1

141

10.00

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 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2206B25 24-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

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

Client ID: PBS Batch ID: A88935 RunNo: 88935

Prep Date: Analysis Date: 6/22/2022 SeqNo: 3158893 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 920 1000 91.7 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: LCSS Batch ID: A88935 RunNo: 88935

2100

Prep Date: Analysis Date: 6/22/2022 SeqNo: 3158894 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 26 5.0 25.00 0 105 72.3 137

209

37.7

212

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 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 4 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2206B25 24-Jun-22

WO#:

Client: GHD Midland

Project: Gissler AV Tank Battery

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

 Client ID:
 PBS
 Batch ID:
 C88935
 RunNo:
 88935

 Prep Date:
 Analysis Date:
 6/22/2022
 SeqNo:
 3158937
 Units:
 mg/Kg

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

 Benzene
 ND
 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

 Surr: 4-Bromofluorobenzene
 0.91
 1.000
 91.2
 70
 130

Sample ID: 100ng btex Ics	Samp ⁻	Гуре: LC	S	TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	RunNo: 88935												
Prep Date: Analysis Date: 6/22/2022					SeqNo: 31	158938	Units: mg/K						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.89	0.025	1.000	0	88.6	80	120						
Toluene	0.93	0.050	1.000	0	92.8	80	120						
Ethylbenzene	0.93	0.050	1.000	0	92.7	80	120						
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120						
Surr: 4-Bromofluorobenzene	0.93		1.000		93.3	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 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 5 of 5

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

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **GHD Midland** Work Order Number: 2206B25 RcptNo: 1 Received By: Cheyenne Cason 6/22/2022 7:20:00 AM Completed By: Cheyenne Cason 6/22/2022 7:41:20 AM Reviewed By: WPa Chain of Custody 1. Is Chain of Custody complete? No 🗌 Yes V Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V NA 🗌 Were all samples received at a temperature of >0° C to 6.0°C Yes 🗸 NA 🗌 5. Sample(s) in proper container(s)? Yes V No 6. Sufficient sample volume for indicated test(s)? Yes V No 7. Are samples (except VOA and ONG) properly preserved? Yes V No 8. Was preservative added to bottles? No V NA 🗌 Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes 🗌 No 🗌 NA V 10. Were any sample containers received broken? Yes 🗌 No V # of preserved bottles checked 11. Does paperwork match bottle labels? Yes V No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) 12. Are matrices correctly identified on Chain of Custody? Adjusted? Yes V No 🗌 13. Is it clear what analyses were requested? Yes 🗸 No 🗌 Checked by: JN 6/22/22 14. Were all holding times able to be met? Yes 🗸 No 🗌 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V Person Notified: Date: By Whom: Via: eMail Phone Fax Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 5.1 Good Not Present

Page 1 of 1

Date: Time: Relinquished by: Via: Date Time If necessary, samples submitted to Hall Equipment (April 200) If necessary, samples submitted to Hall Equipmen	Relinquished by	!								1030 S SW-41B	1	SOUTH CONTROL	Date Time Matrix Sample Name		L EDD (Type)	C SCLOOL COME	Accreditation: Az Compliance	☐ Standard ☐ Level 4 (Full Validation)	QA/QC Package:	email or Fax#: Becky.Haskell@ghd.com	Phone #: (505)377-4218	324 W. Main St. Suite 108, Artesia NM 88210	Mailing Address:	544 	Client: GHD	
Received by: Via:	Received by:									23			Container Type and #	Cooler Temp(including CF): 5	# of Coolers:	On Ice:	Sampler:		Becky Haskell	<u>ت</u> ا		Project #:	250	Project Name:	□ Standard	Turn-Around Time:
Wia: P	Via:												Preservative Type	(including CF): 5	lis.	X Yes	Zach Comino		<u> </u>	6	1256599		, <u>4</u>		Rush	Time:
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Natthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Beo	Remarks:	+	-		-					8			ГРН:80					_)	-	490				
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I om.Larson@ghd.com; Zach.Comino@ghd.com	Please email: Chase_Settle@eogresources.com;	+							- (5		C	Chloride	Met	hoc	30	00			1	Fax 505-345-4107	Albuquerque, NM 87109	om	LABORATOR	ENVIRONMENTAL	
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Appendix E Confirmation Sampling Notifications

From: Amber Griffin <Amber_Griffin@eogresources.com>

Sent: Monday, May 2, 2022 3:24 PM **To:** Becky Haskell; Zach Comino

Cc: Chase Settle

Subject: FW: Gissler AV Battery (nAPP2127156073) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>

Sent: Monday, May 2, 2022 2:05 PM **To:** Robert.Hamlet@state.nm.us

Cc: Artesia Regulatory < Artesia_Regulatory@eogresources.com>; Artesia S&E Spill Remediation

<a>Artesia_S&E_Spill_Remediation@eogresources.com>

Subject: Gissler AV Battery (nAPP2127156073) Sampling Notification

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler AV Battery F-23-17S-25E; Eddy County, NM nAPP2127156073

Sampling will begin at 2:00 p.m. on Wednesday, May 4, 2022.

Thank you,

Tina Huerta

Regulatory Specialist

Direct. 575.748.4168

Cell: 575.703.3121

Email: tina huerta@eogresources.com



From: Amber Griffin <Amber_Griffin@eogresources.com>

Sent: Thursday, May 5, 2022 9:18 AM **To:** Becky Haskell; Zach Comino

Cc: Chase Settle

Subject: FW: Gissler AV Battery (nAPP2127156073) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>

Sent: Thursday, May 5, 2022 8:17 AM **To:** Robert.Hamlet@state.nm.us

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory

<a>Artesia_Regulatory@eogresources.com>

Subject: Gissler AV Battery (nAPP2127156073) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler AV Battery F-23-17S-25E; Eddy County, NM nAPP2127156073

Sampling will begin at 8:00 a.m. on Monday, May 9, 2022.

Thank you,

Tina Huerta

Regulatory Specialist

Direct: 575.748.4168
Cell: 575.703.3121

Email: tina huerta@eogresources.com



From: Miriam Morales < Miriam_Morales@eogresources.com>

Sent: Friday, May 13, 2022 10:57 AM **To:** Artesia S&E Spill Remediation

Cc: Artesia Regulatory

Subject: FW: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

FYI

Miriam Morales

From: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us>

Sent: Friday, May 13, 2022 9:00 AM

To: Miriam Morales < Miriam_Morales@eogresources.com >

Cc: Artesia Regulatory < Artesia_Regulatory@eogresources.com >; Bratcher, Mike, EMNRD

<mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD

<Jocelyn.Harimon@state.nm.us>

Subject: RE: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Miriam,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Miriam Morales < Miriam Morales@eogresources.com >

Sent: Wednesday, May 11, 2022 3:48 PM

To: Hamlet, Robert, EMNRD < Robert.Hamlet@state.nm.us>

Cc: Artesia Regulatory < Artesia Regulatory@eogresources.com; Artesia S&E Spill Remediation

Subject: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler AV Battery F-23-17S-25E; Eddy County, NM nAPP2127156073

Sampling will begin at 08:00 a.m. on Monday, May 16, 2022.

Thank you,

Miriam Morales

From: Amber Griffin < Amber_Griffin@eogresources.com>

Sent: Thursday, May 19, 2022 2:57 PM **To:** Becky Haskell; Zach Comino

Cc: Chase Settle

Subject: FW: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

Thank you,

Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>

Sent: Thursday, May 19, 2022 1:57 PM

To: Artesia S&E Spill Remediation < Artesia_S&E_Spill_Remediation@eogresources.com>

Cc: Artesia Regulatory < Artesia_Regulatory@eogresources.com>

Subject: FW: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

FYI

From: Nobui, Jennifer, EMNRD < Jennifer. Nobui@state.nm.us >

Sent: Thursday, May 19, 2022 9:46 AM

To: Tina Huerta <Tina_Huerta@eogresources.com>

Cc: Hamlet, Robert, EMNRD < Robert.Hamlet@state.nm.us; Bratcher, Mike, EMNRD < mike.bratcher@state.nm.us;

Harimon, Jocelyn, EMNRD < Jocelyn. Harimon@state.nm.us>

Subject: RE: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks

Jennifer Nobui

From: Tina Huerta < Tina_Huerta@eogresources.com >

Sent: Thursday, May 19, 2022 9:13 AM

To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Nobui, Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>; Harimon, Jocelyn, EMNRD <<u>Jocelyn.Harimon@state.nm.us</u>>; Cc: Artesia S&E Spill Remediation <<u>Artesia S&E Spill Remediation@eogresources.com</u>>; Artesia Regulatory

<a href="mailto: Artesia Regulatory@eogresources.com>

Subject: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler AV Battery F-23-17S-25E; Eddy County, NM nAPP2127156073

Sampling will begin at 8:00 a.m. on Tuesday, May 24, 2022.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com

eog resources

From: Amber Griffin < Amber_Griffin@eogresources.com>

Sent: Thursday, June 2, 2022 10:56 AM **To:** Becky Haskell; Zach Comino

Subject: FW: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>

Sent: Thursday, June 2, 2022 9:52 AM

To: Artesia S&E Spill Remediation <Artesia S&E Spill Remediation@eogresources.com>

Cc: Artesia Regulatory < Artesia_Regulatory@eogresources.com>

Subject: FW: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

FYI

From: Nobui, Jennifer, EMNRD < Jennifer. Nobui@state.nm.us>

Sent: Wednesday, June 1, 2022 4:38 PM

To: Tina Huerta < Tina Huerta@eogresources.com >

Cc: Harimon, Jocelyn, EMNRD < <u>Jocelyn.Harimon@state.nm.us</u>>; Hamlet, Robert, EMNRD < <u>Robert.Hamlet@state.nm.us</u>>; Bratcher, Mike, EMNRD < <u>mike.bratcher@state.nm.us</u>> Subject: RE: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Jennifer Nobui

From: Tina Huerta < Tina_Huerta@eogresources.com >

Sent: Wednesday, June 1, 2022 4:32 PM

<<u>Jocelyn.Harimon@state.nm.us</u>>; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Hamlet, Robert, EMNRD

< Robert. Hamlet@state.nm.us >

Cc: Artesia S&E Spill Remediation <Artesia S&E Spill Remediation@eogresources.com>; Artesia Regulatory

<a href="mailto: Artesia_Regulatory@eogresources.com

Subject: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler AV Battery F-23-17S-25E; Eddy County, NM nAPP2127156073

Sampling will begin at 8:00 a.m. on Monday, June 6, 2022.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168

Cell: 575.703.3121

Email: tina huerta@eogresources.com

eog resources

From: Amber Griffin < Amber_Griffin@eogresources.com>

Sent: Thursday, June 16, 2022 1:23 PM **To:** Becky Haskell; Zach Comino

Subject: FW: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>

Sent: Thursday, June 16, 2022 9:36 AM

To: Artesia S&E Spill Remediation <Artesia S&E Spill Remediation@eogresources.com>

Cc: Artesia Regulatory < Artesia_Regulatory@eogresources.com>

Subject: FW: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

FYI

From: Nobui, Jennifer, EMNRD < Jennifer. Nobui@state.nm.us>

Sent: Thursday, June 16, 2022 9:34 AM

To: Tina Huerta < Tina Huerta@eogresources.com >

Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>;

Harimon, Jocelyn, EMNRD < Jocelyn. Harimon@state.nm.us>

Subject: RE: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks

Jennifer Nobui

From: Tina Huerta <Tina Huerta@eogresources.com>

Sent: Thursday, June 16, 2022 7:51 AM

To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD

<<u>Jocelyn.Harimon@state.nm.us</u>>; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Hamlet, Robert, EMNRD

< Robert. Hamlet@state.nm.us >

Cc: Artesia S&E Spill Remediation <Artesia S&E Spill Remediation@eogresources.com>; Artesia Regulatory

<a href="mailto: Artesia_Regulatory@eogresources.com

Subject: [EXTERNAL] Gissler AV Battery (nAPP2127156073) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler AV Battery F-23-17S-25E; Eddy County, NM nAPP2127156073

Sampling will begin at 8:00 a.m. on Monday, June 20, 2022.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com

eog resources

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 122113

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	122113
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
bbillings	None	7/12/2022