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

)

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Incident ID	nAPP2111230058
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377	
Contact Name Chase Settle	Contact Telephone 575-748-1471	
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nAPP2111230058	
^{Contact mailing address} 104 S. 4th Street, Artesia, NM 88210		

Location of Release Source

Latitude _____32.71795

Longitude	-104.43988
	• 1 1 \

-(NAD 83 in decimal degrees to 5 decimal places)

Site Name Yates AS Fee Battery	Site Type Battery
Date Release Discovered 04/16/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
к	25	18S	25E	Eddy

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Histor unkno	ical impacts discovered during the P&A of the wn.	battery. Release volume and date are

Page	2
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Oil Conservation Division

Incident ID	nAPP2111230058
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Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	
10.15.20.7(A) NIMA C2	
19.15.29.7(A) NMAC?	
\Box Yes ∇ No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

 \checkmark The source of the release has been stopped.

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

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

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

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

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

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

Printed Name: Chase Settle

Signature: Chan Settle

Title: Rep Safety & Environmental Sr

_{email:} Chase_Settle@eogresources.com

OCD Only

Received by:

Date:

Date: 04/21/2021

Telephone: 575-748-1471

Received by OCD: 5/27/2022 2:56:23 PM State of New Mexico

Oil Conservation Division

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

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

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

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

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

eceived by OCD: 5/27/2022 2:	56:23 PM			Page 4 of
01111 C-141			Incident ID	nAPP2111230058
ige 4	Oil Conservation Division	1	District RP	
			Facility ID	
			Application ID	
public health or the environment. failed to adequately investigate an addition, OCD acceptance of a C- and/or regulations. Printed Name: Chase Settle Signature: Chase Settle email: Chase_Settle@ed	The acceptance of a C-141 report by the ad remediate contamination that pose a the 141 report does not relieve the operator of	e OCD does not relieve the meat to groundwater, surfactor of responsibility for comp 	e operator of liability sl ace water, human healt diance with any other fo ace water , human healt diance with any other fo ace water ace water 	nould their operations have n or the environment. In ederal, state, or local laws
OCD Only				

Received by OCD: 5/27/2022 2:56:23 PM State of New Mexico

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

Oil Conservation Division

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Remediation Plan

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points \square Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: Rep Safety & Environmental Sr Printed Name: Chase Settle Signature: ______ Date: 09/30/2021 email: Chase_Settle@eogresources.com Telephone: 575-748-1471 **OCD Only** Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

Oil Conservation Division

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Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

 \checkmark Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amber Griffin

Title: Rep Safety & Environmental Sr

Signature: Amber Griffin Date: 5/27/2022 email: Amber Griffin@eogresources.com

Telephone: 575-748-1471

OCD Only

Received by:

Date:

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

Closure Approved by:	Date:
Printed Name:	Title:

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



GHD reference: 11228401

May 26, 2022

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

Re: Site Closure Report Yates AS Fee Battery Release Site EOG Resources Inc. Incident ID: nAPP2111230058 K-25-18S-25E, Eddy County, New Mexico

To Whom It May Concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, remedial activities, and analyses in the affected area at the EOG Yates AS Fee Battery Release Site (Site). The Site is located in Unit Letter K Section 25 of Township 18 South and Range 25 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.71795 N latitude and 104.43988 W longitude. The release occurred on private surface land. Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figures 2 and 3.

2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on April 21, 2021. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG well plugging and site abandonment activities associated with this location. Soils within the former tank battery containment appeared to be discolored and after discussions between field personnel and environmental staff, EOG made the decision to file a C-141 for this suspect release location.

A Site Characterization and Remediation Work Plan dated September 27, 2021 was submitted to the NMOCD for consideration. The NMOCD approved the work plan on February 16, 2022. Remediation analytical results were still pending with the lab on May 17, 2022 and EOG submitted a Site Remediation Update Report dated May 17, 2022 to the NMOCD. The Release Notification, Site Assessment/Characterization, Remediation Plan Closure portions of Form C-141 for Incident Number nAPP2111230058 are attached to the front of this report.

→ The Power of Commitment

3. Groundwater and Site Characterization

GHD characterized the Site according to Table I Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12). The release falls under the jurisdiction of the NMOCD District 2 in Artesia, New Mexico.

A review of the Office of the State Engineer (OSE) Point of Diversion (POD) Locations Website revealed a water well located approximately 0.31 miles to the south of the Site with a depth to groundwater of 194 feet below ground surface (ft bgs). The water well was installed on November 7, 2017 through November 13, 2017, and was assigned POD Number RA 12548 POD1. The water well is located at GPS coordinates, 32.713077 N latitude and 104.439977 W longitude. Depth to groundwater for this Site is greater than one hundred (100) feet below ground surface. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), the Site is located within an area with depth to groundwater greater than one hundred (100) feet and meets the closure criteria for depth to groundwater greater than one hundred (100) ft in Table I in NMAC 19.15.29.12. The Site characterization documentation (Karst Potential, FEMA, Points of Diversion, Point of Diversion Summary for RA 12548 POD1 and Wetlands maps) are provided in Attachment A. The soil and closure criteria are listed below:

General Site Characterization and Groundwater:

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

Constituent	Limits
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
Benzene	10 mg/kg
BTEX	50 mg/kg

4. Initial Soil Delineation Assessment Summary and Findings

On May 19, 2021, GHD and EOG's contractor BDS Enterprises, LLC (BDS), on behalf of EOG, installed seventeen (17) test pits within the suspected impacted area. Soil samples were collected from two (2) to fourteen (14) 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. Analytical results indicated none of the soil samples exhibited benzene, BTEX, TPH or chloride concentrations above Table I Closure Criteria. Depth to groundwater was unknown during this phase of investigation.

On July 6 through July 8, 2021, GHD and EOG contractor Culberson Construction Energy Services (CCI), returned to the site to extend test pits TP-1 through TP-6, TP-8, TP-10 through TP-12, TP-14 and TP-16



deeper and installed an additional six (6) new test pits, TP-18 through TP-23. Soil samples were collected at varying depths and were submitted 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 only one sample; TP-2-20 exhibited GRO plus DRO TPH concentrations above Table I closure criteria with a concentration of 1,293 mg/kg.

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.

5. Completed Remedial Activities to Date

From March 8 through March 22, 2022, GHD oversaw remedial excavation activities at the Site by Standard Safety and Supply (SS). Soils within the first four (4) feet containing TPH and chloride exceedances of Table I closure criteria for 19.15.29.13 for restoration were excavated. The area around TP-2 was excavated to a depth of approximately twenty (22) feet below grade. During excavation activities soil staining was observed in the south-eastern portion of the excavation; therefore, a test pit (TP24) was installed to a depth of approximately twenty (20) ft bgs, samples were collected at varying depths. Seven (7) test pits, one hundred twenty-three (123) composite confirmation bottom hole samples, and twenty-five (25) composite confirmation sidewall samples were collected and submitted 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 twenty (20) samples with TPH exceedances above Table I closure criteria for depth to water greater than one hundred (100) feet; TP24-8, TP24-10, TP24-12, TP24-16, BH-40, BH-47, BH-48, BH-49, BH-54, BH-72, BH-73, BH-77, BH-95, BH-113, BH-121, BH-123, SW-18, SW-19, SW-24, and SW-25. Five (5) samples exhibited TPH or chloride concentrations above Table I closure criteria for restoration in the top four (4) feet of the excavation; SW-10, SW-11, SW-13, SW-14, and SW-17.

Due to the exceedances listed above, GHD and SS returned to the Site on March 30, 2022, to further excavate select areas. The area around BH-40, BH-47, BH-48, BH-49, and BH-54, was excavated to approximately twenty-one (21) feet below grade. The area around BH-72, BH-73, and BH-77 was excavated to approximately twelve (12) to fifteen (15) feet below grade. Fifteen (15) bottom hole composite confirmation samples (BHX-1 through BHX-15) and twenty-five (25) sidewall composite confirmation samples (SW-10 and SWX-1 through SWX-24) were collected on March 30 and March 31, 2022, and submitted 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 six (6) confirmation samples with TPH exceedances above Table I closure criteria: BHX-2, BHX-3, BHX-11, BHX-14, BHX-15 and SWX-24. One (1) confirmation sample exhibited TPH concentrations above Table I closure criteria for 19.15.29.13 for restoration within the top four (4) feet of the excavation; SW-10 (resample of original SW-10 wall location after further excavation).

Due to the exceedances listed above, GHD and SS returned to the Site on April 25, 2022, to further excavate select areas with TPH concentrations in exceedance of Table I closure criteria. Between April 25 and May 5, 2022, ten (10) bottom hole confirmation samples and twenty-four (24) sidewall composite confirmation samples were collected and submitted 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. Any time analytical results indicated a TPH concentration in exceedance of Table I closure criteria, that area was excavated further and resampled. A portion of the final confirmation samples were submitted to Cardinal Laboratories in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, S021B, TPH by Method 8015B Modified,



Method 300. Final excavation depths ranged from four (4) to twenty-five (25) feet below grade. Analytical results of final composite confirmation samples indicated no exceedances above Table I closure criteria except for BHX-14 (4/27/22, resample of original BHX-14 collected on 3/31/22 after further excavation) and SW-11A.

On May 9, 2022, SS mobilized a hammer hoe to the site to further excavate the area represented by BHX-14A due to a hard rock layer being present at twenty-five (25) feet below grade preventing further excavation utilizing a track hoe. SS excavated the area represented by BHX-14 (4/27/22) an additional two feet below ground surface and further excavated the area represented by SW-11A. GHD returned to the site on May 12, 2022, to collect additional samples in the area represented by BHX-14 (4/27/22) and SW-11A. Analytical results indicated no Table I closure criteria over the limits for groundwater greater than one hundred (100) feet for BHX-14B. However, SW-11B did exhibit TPH concentrations above Table I concentrations.

On May 17, 2022, GHD and SS returned to the site to further excavate the area represented by SW-11B and collected a new sidewall confirmation sample, SW-11C. Analytical results indicate concentrations are below Table I closure criteria.

Figure 3 depicts the locations of the confirmation samples. Analytical results are provided in Table 1, and in the Laboratory Analytical Reports provided in Attachment D. A Photographic Log is provided as Attachment B and Confirmation Sampling Notifications are provided as Attachment C.

6. Waste Management

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 10,249.50 tons of impacted soil have been disposed at Lea Land, LLC, the waste manifests from March 9 through May 11, 2022, are available upon request and aren't included in this report due to size of the file. A Daily Disposal Summary is provided as Table 2.

7. nAPP2111230058 Closure Request

Site characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidelines and regulations. Based upon supporting documentation provided in this report, GHD, on behave of EOG, respectfully requests closure and no further regulatory actions for nAPP2111230058. The site has not been backfilled but will be as soon as backfilling activities are scheduled.

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.



Received by OCD: 5/27/2022 2:56:23 PM

Sincerely,

GHD

Reberra Haskell

Becky Haskell Senior Project Manager

BH/tl/1

Thomas Clayon

Thomas C. Larson Project Director

- 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 Soil Disposal Summary
 Attachment A Site Characterization Documentation
 Attachment B Photographic Log
 Attachment C Confirmation Sampling Notifications
 Attachment D Laboratory Analytical Reports and Chain-of-Custody Documentation
- cc: Chase Settle



Received by OCD: 5/27/2022 2:56:23 PM

Figures

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Data Source: USGS 7.5 Minute Quad "Dayton, New Mexico" Lat/Long: 32.717952° North, 104.439889° West

	26.747.7					ГРН					7	PH	
			Benzene	BTEX	CRO+DRO	Total	Chloride		Benzene	BTEX	GRO+DRO	Total	Chloride
Samole ID	Sample	Depth	(malka)	(malka)	malka	GRO/DRO/MRO	(malka)	Sample D Sample Depth	Imalkal	(malk a)	malka	GRO/DRO/MRO	(malka)
campic rb	Date	(feet bgs)	Table I Closu	re Criteria for	Soils <50 feet [Depth to Groundw	ater 19.15.29	Output to Date (feet bgs)	Table Clos	ure Criteria for	Solls <50 feet D	epth to Groundw	vater 19.15.29
			10 mg/Kg	50 mg/Kg	1,000 mg/Kg	2,500 mg/Kg	20,000 ma/Ka		10 mg/Kg	50 mg/Kg	1,000 mg/Kg	2,500 mg/Kg	20,000 mg/Kg
			Test	Pit Samples			mgning	IROAD	Tes	t Pit Samples			ingiring
TP1-2	5/19/21	2	<0.024	<0.096	46	196	900	RANCH 12 5/19/21 2	<0.024	<0.096	<9.8	<49	<60
TP1-4	5/19/21	4	<0.025	<0.098	720	2,420	1,000	WCAD IN TP16-10 5/19/21 10	<0.025	<0.099	<9.4	<47	4,500
TP1-10	7/6/21	10	<0.025	<0.099		229 <47	920	KILL TP16-13 5/19/21 13	<0.023	<0.094	<9.4	<47	4,700
TP1-20	7/6/21	20	-	-	-	-	1,700	TP16-16 7/7/21 16 TP16-20 7/7/21 20	<0.024	<0.096	<10	<50	4,800
TP2-2	5/19/21	2	<0.024	<0.097	53	383	1.000	TP12.2 5/1921 2	<0.023	<0.000	<10	<50	5,000
TP2-4	5/19/21	4	<0.024	<0.098	290	1,230	220	TE49.5 7/7/1 Surbos	<0.020	<0.096	40	202	<50
TP2-13	7/6/21	13	<0.12	<0.48	1,000	1, 54 0	5,400	TP-7 TP-82 7/7/21 2	<0.023	<0.094	<9.8	<49	<60
TP2-16	7/6/21	20	<0.12	6.8	980	1,560	9,100	TP19-S 7/7/21 Surface	<0.024	<0.097	110	680	<60
TP2-20	5/19/21	11	<0.12	-0.092	<9.1	(1,965	1,400	TP19-2 7/7/21 2	<0.025	<0.099	<9.2	<46	<60
TP3-14	5/19/21	11	<0.024	<0.096	20	77	1,300	TP-5 TP20-S 7/7/21 Surface	<0.024	<0.097	<9.1	<46	<60
TP3-16	7/6/21	16	<0.024	<0.095	<9.7	<48	1,200	<u>TP20-2</u> 7/7/21 2	<0.024	<0.098	<9.4	<47	<60
TP3-20	7/6/21	20	-	-	-	-	1,900	TP21-2 7/7/21 2	<0.024	<0.098	<9.5	<48	6,400
TP4-2	5/19/21	2	<0.025	<0.098	50	230	<60	TP-1 TP-6 TP-1 8	<0.024	<0.097	<8.2	<41	6,700
TP4-6	7/6/21	6	<0.025	<0.10	9.8	62.8	<60		<0.025	<0.099	<9.9	<49	6,900
TP4-12 TP4-14	7/6/21	12		-0.095	<8.8	<44	570	TP-8 TP22-S 7/7/21 Surface	<0.024	<0.098	<9.3	<47	<60
TP5-4	5/19/21	4	<0.025	<0.10	<9.9	<50	620	TTDIQ TP22-2 7/7/21 2	<0.025	<0.099	<9.9	<50	<59
TP5-6	5/19/21	6	<0.024	<0.097	320	1,080	930	TP-11 TP23-S 7/8/21 Surface	<0.024	<0.096	<9.8	<49	<61
TP5-8	7/6/21	8	<0.023	<0.094	<8.9	<44	860	TP-3 TP-4 TP23-2 7/8/21 2	<0.025	<0.10	<9.5	<48	<60
TP5-10	7/6/21	10	<0.024	<0.094	<9.0	<45	640		A	LA P	Sat Star	The second	S. S. Mark
TP6-8	5/19/21	8	<0.024	<0.098	<9.6	<48	2,200		and the second		1 States		122
TP6-10 TP6-12	7/6/21	10	<0.024	<0.098	<9.1	<47	1,500	TTP-20	3		No.	State of the	1-12-20
TP6-14	7/6/21	14	<0.024	<0.095	<8.4	<42	700		200	245	and the second	E Harris	Sale of
TP6-15	7/6/21	15	-	-	-	-	590	TP-17	224-12	and the second			and the second
TP7-2	5/19/21	2	<0.024	<0.097	<9.0	<45	450		100	the ser			E E E
TP7-4	5/19/21	4	<0.025	<0.098	<9.5	<48	380		1.27	Contraction of the	parties -	SUMAR	and the
TP8-2	5/19/21	2	<0.024	<0.097	<9.4	<47	1,100		and fe	No an	M. Star	ELC YS	a liter is
TP8-6	7/7/21	6	<0.023	<0.095	<9.2	<46	180		and the second	S. Martin	19222	C. C. C.	Alter a
TP9-2	5/19/21	2	<0.025	<0.098	<9.6	<48	460		Ser and	3330	and the seal		A Starting
TP10-8	5/19/21	8	<0.024	<0.098	<8.4	<42	1.300		3 - CA-C	125	A ACT.	S STATE	Carlos and
TP10-10	5/19/21	10	<0.024	<0.096	<8.8	<44	620			A POST	and the second	- The	21 11 2 2
TP10-12	7 <i>/7/</i> 21	12	<0.025	<0.099	<8.6	<43	220	□TP-14	Contraction of	A CONT	and the second	and the second	a start and
TP11-2	5/19/21	2	<0.12	<0.49	720	1,370	620		Sec.	2. 2. 2. 2. 2.	1	The start as	and the second
TP11-8	7/7/21	8	<0.025	<0.10	32	152	150	TP-13	270	sector P	5 7.5.	An and	the liter
TP11-12	7/7/21	12	<0.025	<0.099	<9.7	<49	-	TP-15	200		17 18 Lat	Contraction of the second	and the second
TP12-13 TP12-16	5/19/21 7/7/21	13	<0.025	<0.099	<9.6	<48 <46	5,400	TP-23	C Martin	Carl and	2. 6 5 ×	State top	1 20 00
TP12-20	7/7/21	20	<0.025	<0.098	<8.6	<43	4,200			En la bas	1.40	at the start	Co Marine
TP13-2	5/19/21	2	<0.023	<0.092	<9.1	<46	110		S. S. S. S.	A THERE	Star Star	all de sta	the ball of
TP14-13	5/19/21	13	<0.025	<0.10	<9.6	<48	3,500	the second se	and the second	STA OF IN	2 - Carrel	A Company	TANK
TP14-16	7 <i>/7/</i> 21	16	<0.025	<0.10	<9.6	<46	6,300		100	THE REAL	In Brach	10000	Profest of the
TP14-20	7 <i>/7/</i> 21	20	<0.024	<0.096	<9.3	<46	7,100		12854	Con the second	Sector 1		t That
2000	ant and	and and	and the second	A Carl	To Bart	Contraction of the	Danis -		1.	Part Prover	The ch	A State of the	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
an ar	STOR S	ALL ALL ALL	Sec. St	the faith	and the	Sale and	and the second		a.	The off	A States	T. State	2 Marz
a she was the	ANT FR	Contraction of the	Car Ser	1.00	17.20		STATE -		1000	aparta and	COLUMN	ale tak	Se State
	LEGEND)			al state	State a	Stores.		120 25	17.2		S Starte	and the
	PROPOSE	- D FXCA\/ATI	=D ARFA (4 F	T)	S. Com	ALL STOR	States -	and the second and the	19102	E Start	and the state	State State	to Alter
\leq				·,	and the second s	A STATE OF THE OWNER OF	and the		State of the second	and and a start of the	1-1-1- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5-	C. C. C. S. F.	the share



CONCENTRATION (MG/KG)

NOTES:

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





SITE ASSESSMENT: SOIL ANALYTICAL RESULTS MAP Project No. 11228401 Date September 2021

Imaging: 9/13/2022 8:20:05 AM

FIGURE 2

Data Source: Image © 2021 Google - Imagery Date: December 21, 2019 Lat/Long: 32.717952° North, 104.439889° West



Coordinate System

NAD 1983 (2011) StatePlane

New Mexico East (US Feet)

NOTES:

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



INDICATES SIDE WALL COMPOSITE SAMPLE

Page 15 of 544

EOG RESOURCES EDDY COUNTY, NEW MEXICO YATE AS FEE BATTERY

GHD

CONFIRMATION SAMPLING: SOIL ANALYTICAL RESULTS MAP Project No. 11228401 Date May 2022

FIGURE 3

Data Source: Image © 2021 Google - Imagery Date: December 21, 2019 Lat/Long: 32.717952° North, 104.439889° West

Received by OCD: 5/27/2022 2:56:23 PM

Tables

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									Total Peti	Petroleum Hydrocarbons (TPH)			
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	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)	(mg/kg)
					la	bie i Closure C	riteria for Solls	s >100 feet Dep	th to Groundwa	ater 19.15.29 NN	AC		
			10 mg/kg				50 mg/kg	-		1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
					Tes	st Pit Samples							
TP1-2	5/19/21	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	46	46	150	196	900
TP1-4	5/19/21	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	720	720	1700	2,420	1,000
TP1-10	7/6/21	10	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	79	79	150	229	920
TP1-15	7/6/21	15	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.3	<9.3	<47	<47	1,700
TP1-20	7/6/21	20	-	-	-	-	-	-	-	-	-	-	1,300
TP2-2	5/19/21	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	53	53	330	383	1,000
TP2-4	5/19/21	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	290	290	940	1,230	220
TP2-13	7/6/21	13	<0.12	<0.24	<0.24	<0.48	<0.48	<24	1,000	1,000	540	1,540	5,400
TP2-16	7/6/21	16	<0.12	<0.24	2.4	4.4	6.8	140	840	980	580	1,560	9,100
TP2-20	7/6/21	20	<0:12	<0:24	1 .7	2.2	3.9	93	1,200	1,293	690	1,983	7,400
TP3-11	5/19/21	11	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.4	<9.4	<47	<47	1,900
TP3-14	5/19/21	14	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	20	20	57	77	1,300
TP3-16	7/6/21	16	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.7	<9.7	<48	<48	1,200
TP3-20	7/6/21	20	-	-	-	-	-	-	-	-	-	-	1,900
TP4-2	5/19/21	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	50	50	180	230	<60
TP4-6	7/6/21	6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	9.8	9.8	53	62.8	<60
TP4-12	7/6/21	12	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	170	170	330	500	650
TP4-14	7/6/21	14	-	-	-	-	-	<4.9	<8.8	<8.8	<44	<44	570
TP5-4	5/19/21	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<9.9	<50	<50	620
TP5-6	5/19/21	6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	320	320	760	1,080	930
TP5-8	7/6/21	8	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<8.9	<8.9	<44	<44	860
TP5-10	7/6/21	10	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.0	<9.0	<45	<45	640
TP6-8	5/19/21	8	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<9.6	<48	<48	2,200
TP6-10	5/19/21	10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<9.5	<47	<47	1,500
TP6-12	7/6/21	12	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<9.1	<46	<46	1,200
TP6-14	7/6/21	14	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<8.4	<8.4	<42	<42	700
TP6-15	7/6/21	15	-	-	-	-	-	-	-	-	-	-	590
TP7-2	5/19/21	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.0	<9.0	<45	<45	450
TP7-4	5/19/21	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<9.5	<48	<48	380
TP8-2	5/19/21	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.4	<9.4	<47	<47	1,100
TP8-4	5/19/21	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<9.7	<49	<49	670
TP8-6	7/7/21	6	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.2	<9.2	<46	<46	180
TP9-2	5/19/21	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<9.6	<48	<48	460
TP10-8	5/19/21	8	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<8.4	<8.4	<42	<42	1,300
TP10-10	5/19/21	10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<8.8	<8.8	<44	<44	620
TP10-12	7/7/21	12	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<8.6	<8.6	<43	<43	220
TP11-2	5/19/21	2	<0.12	<0.25	<0.25	<0.49	<0.49	<25	720	720	650	1,370	620

								Total Petroleum Hydrocarbons (TPH)					
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	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)	(mg/kg)
					la	ble i Closure C	riteria for Soils	s >100 feet Dep	th to Groundwa	ater 19.15.29 NN	IAC		
			10 mg/kg				50 mg/kg	-		1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
TP11-4	5/19/21	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<9.7	<48	<48	870
TP11-8	7/7/21	8	<0.025	<0.050	<0.050	<0.010	<0.10	<5.0	32	32	120	152	150
TP11-12	7/7/21	12	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<49	<49	-
TP12-13	5/19/21	13	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<9.6	<48	<48	5,400
TP12-16	7/7/21	16	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.2	<9.2	<46	<46	5,000
TP12-20	7/7/21	20	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<8.6	<8.6	<43	<43	4,200
TP13-2	5/19/21	2	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.1	<9.1	<46	<46	110
TP14-13	5/19/21	13	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<9.6	<48	<48	3,500
TP14-16	7/7/21	16	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.2	<9.6	<46	<46	6,300
TP14-20	7/7/21	20	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.3	<9.3	<46	<46	7,100
TP15-2	5/19/21	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<9.8	<49	<49	<60
TP16-10	5/19/21	10	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.4	<9.4	<47	<47	4,500
TP16-13	5/19/21	13	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.4	<9.4	<47	<47	4,700
TP16-16	7/7/21	16	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<10	<50	<50	4,800
TP16-20	7/7/21	20	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<9.1`	<45	<45	5,000
TP17-2	5/19/21	2	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<10	<10	<50	<50	580
TP18-S	7/7/21	Surface	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	43	43	320	363	<59
TP18-2	7/7/21	2	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<9.8	<49	<49	<60
TP19-S	7/7/21	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	110	110	570	680	<60
TP19-2	7/7/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.2	<9.2	<46	<46	<60
TP20-S	7/7/21	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.1	<9.1	64	64	<60
TP20-2	7/7/21	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<9.4	<47	<47	<60
TP21-2	7/7/21	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<9.5	<48	<48	6,400
TP21-8	7/7/21	8	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<8.2	<8.2	<41	<41	6,700
TP21-15	7/7/21	15	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.2	<9.2	<46	<46	7,300
TP21-20	7/7/21	20	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<9.9	<49	<49	6,900
TP22-S	7/7/21	Surface	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<9.3	<47	<47	<60
TP22-2	7/7/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<9.9	<50	<50	<59
TP23-S	7/8/21	Surface	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<9.8	<49	<49	<61
TP23-2	7/8/21	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<9.5	<48	<48	<60
TP24-8	3/10/22	ړ	1.2		7.9	- 47	26.1	310	1,300	1,610	540	2,150	420
TP24-10	3/10/22	10-	2.5	0.23	9.8	- 21	33.53	350	2,900	3,250	1,300	4,550	450
TP24-12	3/10/22	- 12	3.5	₹0:49	-++-	-24	35.5	540	3,700	4,240	1,400	5,640	1,100
TP24-14	3/10/22	-+4	0.35	₹0:20	2.6		4:25	67	810	877	470	1,347	1,400
TP24-16	3/10/22		<0.097	<0.19	7.6	0:81	Z:41	72	390	1,062	340	T,402	T, 900
TP24-18	3/10/22		<0.083	<0.1/	<0.1/	<0:33	<0.50	~++~	300	300		420	1,200
IPZ 4-20	3/10/22	20	<0.094	<0.48	0.58	<0.56	0.58	20	550	550	200	000	1,200

									Total Pet	roleum Hydroca	rbons (TPH)		í l
	Comple	Denth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	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)	(mg/kg)
					Ta	ble i Closure C	riteria for Solis	>100 feet Dep	in to Groundwa	ater 19.15.29 NM	IAC		
			10 mg/kg				50 mg/kg	-		1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
			•		Bottom Hole	Confirmation	Samples			-		•	
BH-1	3/11/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.2	<9.2	<46	<46	430
BH-2	3/11/22	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<8.8	<8.8	<44	<44	84
BH-3	3/11/22	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.5	<9.5	<48	<48	480
BH-4	3/11/22	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.7	<9.7	<49	<49	270
BH-5	3/11/22	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<9.5	<48	<48	110
BH-6	3/11/22	4	<0.024	<0.048	<0.048	<0.096	< 0.096	<4.8	<9.1	<9.1	<46	<46	530
BH-7	3/11/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<9.6	<48	<48	440
BH-8	3/11/22	4	<0.12	<0.24	<0.24	<0.48	<0.48	<24	220	220	100	320	1,400
BH-9	3/11/22	4	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	21	21	<49	21	2,300
BH-10	3/11/22	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.5	<9.5	<47	<47	1,700
BH-11	3/11/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<9.6	<48	<48	1,300
BH-12	3/11/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.8	<9.8	<49	<49	2,200
BH-13	3/11/22	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.6	<9.6	<48	<48	3,200
BH-14	3/11/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<9.9	<50	<50	1,800
BH-15	3/11/22	4	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	36	36	86	122	830
BH-16	3/11/22	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<9.6	<48	<48	3,300
BH-17	3/11/22	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	46	46	<47	46	6,200
BH-18	3/11/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	41	41	<48	41	1,000
BH-19	3/11/22	4	<0.12	<0.25	<0.25	<0.49	<0.49	<25	55	55	58	113	1,100
BH-20	3/11/22	4	<0.12	<0.24	<0.24	<0.48	<0.48	<24	130	130	90	220	1,800
BH-21	3/11/22	4	<0.024	<0.048	<0.048	<0.096	< 0.096	<4.8	49	49	96	145	600
BH-22	3/11/22	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	14	14	<49	14	760
BH-23	3/11/22	4	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	51	51	57	108	1,400
BH-24	3/14/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<9.9	<49	<49	1,300
BH-25	3/14/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	1,500
BH-26	3/14/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	120
BH-27	3/14/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<9.6	<48	<48	180
BH-28	3/14/22	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	130	130	190	320	870
BH-29	3/14/22	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.6	<9.6	<48	<48	5,800
BH-30	3/14/22	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.6	<9.6	<48	<48	3,500
BH-31	3/14/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.2	<9.2	<46	<46	1,600
BH-32	3/14/22	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	700	700	1,100	1,800	540
BH-33	3/14/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	250	250	520	770	1,300
BH-34	3/14/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.4	<9.4	<47	<47	2,700
BH-35	3/14/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<9.5	<48	<48	5,300
BH-36	3/14/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	310	310	1,000	1,310	1,100
BH-37	3/14/22	4	<0.024	<0.048	<0.048	<0.096	< 0.096	<4.8	78	78	210	288	1,700
BH-38	3/14/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.0	<9.0	<45	<45	1,900
BH-39	3/14/22	4	<0.025	< 0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<9.9	<49	<49	890
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									Total Peti	Petroleum Hydrocarbons (TPH)			
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	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)	(mg/kg)
					Та	ble I Closure C	riteria for Soils	s >100 feet Dept	th to Groundwa	ter 19.15.29 NN	IAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
BH-40	3/15/22	4	<0.12	<0.23	<0.23	<0.46	<0:46	<23	1,900	1,900	1,100	3,000	490
BHX-5 (BH-40A)	3/30/22	21	<0.022	<0.043	<0.043	<0.087	<0.087	<4.3	160	160	82	242	1,100
BH-41	3/15/22	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	11	11	<49	11	1,200
BH-42	3/15/22	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	87	87	350	437	1,700
BH-43	3/15/22	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	390	390	1,200	1,590	740
BH-44	3/15/22	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	310	310	740	1,050	1,100
BH-45	3/15/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	190	190	410	600	1,900
BH-46	3/15/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	500	500	400	900	520
BH-47	3/15/22	4	<0.023	<0.047	0.058	0.15	0:208	< 4.7	6,400	6,400	3,400	9,800	550
BHX-4 (BH-47A)	3/30/22	21	<0.017	<0.034	< 0.034	<0.068	<0.068	<3.4	610	610	300	910	1,200
BH-48	3/15/22	4	<0.025	<0.049	<0.049	0.11	0.11	<4.9	1,200	1,200	1,400	2,600	260
BHX-8 (BH-48A)	3/30/22	21	<0.016	<0.031	<0.031	<0.063	<0.063	<3.1	220	220	120	340	1,800
BH-49	3/15/22	4	<0.025	<0:050	0.28	0.58	0.86	19	8,900	8,919	3,800	12,719	970
BHX-7 (BH-49A)	3/30/22	21	<0.019	< 0.037	< 0.037	<0.074	<0.074	<3.7	300	300	150	450	6,600
BH-50	3/15/22	4	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	130	130	400	530	140
BH-51	3/15/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	110	110	310	420	2,600
BH-52	3/15/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<9.8	<49	<49	4,800
BH-53	3/15/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	880	880	1,100	1,980	410
BH-54	3/15/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	5,000	5,000	2,500	7,500	710
BHX-1 (BH-54A)	3/30/22	21	<0.016	<0.031	<0.031	<0.062	<0.062	5.1	670	675	350	1,025	2,900
BH-55	3/16/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	30	30	55	85	450
BH-56	3/16/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<10	<50	<50	4,800
BH-57	3/16/22	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.1	<9.1	<45	<45	5,700
BH-58	3/16/22	4	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	290	290	480	770	260
BH-59	3/16/22	4	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	59	59	78	137	740
BH-60	3/16/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<9.8	<49	<49	410
BH-61	3/16/22	4	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.6	<9.6	<48	<48	950
BH-62	3/16/22	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.9	<9.9	<50	<50	1,000
BH-63	3/16/22	4	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	62	62	86	148	750
BH-64	3/16/22	4	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.5	<9.5	<48	<48	580
BH-65	3/16/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.3	<9.3	<47	<47	470
BH-66	3/16/22	4	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<9.8	<9.8	<49	<49	280
BH-67	3/17/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.8	<9.8	<49	<49	170
BH-68	3/17/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<49	<49	250
BH-69	3/17/22	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<10	<10	<50	<50	120
BH-70	3/17/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	1,400
BH-71	3/17/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<9.8	<49	<49	1,800
BH-72	3/17/22	4	<0.12	<0:25	0.32	2.1	2:42	85	5,800	5,885	3,300	9,185	1,900
BH-72A	4/28/22	13	<0.019	<0.039	<0.039	<0.077	<0.077	<3.9	270	270	200	470	2,200
BH-73	3/17/22	4	₹0.12	<0:25	3.0	7.2	10.2	180	2,600	2,780	1,400	4,180	1,300

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Received by OCD: 5/27/2022 2:56:23 PM

									Total Petr	Total Petroleum Hydrocarbons (TPH)			
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	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)	(mg/kg)
					la	ble i Closure C	riteria for Soils	>100 feet Dep	th to Groundwa	iter 19.15.29 NN	IAC		
			10 mg/kg				50 mg/kg	-		1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
BHX-14 (BH-73A)	3/31/22	15	<0.074	<0.15	3.7	5.0	8.7	160	3,000	3,160	1,100	4,260	1,600
BHX-14 (BH-73B)	4/27/22	25	₹0:40	<0:20	0.47	<0:40	0:47	28	2,700	2,728	1,100	3,828	1,600
BHX-14B (BH-73C)	5/12/22	27	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	350	350	251	601	32.0
BH-74	3/17/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	79	79	160	239	290
BH-75	3/17/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	40	40	79	119	860
BH-76	3/17/22	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	810	810	980	1,790	320
BH-77	3/17/22		<0.12	0.51	3.3	8.6	12:41	210	5,200	5,410	2,400	7,810	3,100
BHX-13 (BH-77A)	3/31/22	15	<0.071	<0.14	0.28	<0.29	0.28	20	580	600	270	870	1,700
BH-78	3/17/22	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	270	270	530	800	1,700
BH-79	3/17/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	16	16	<47	16	1,000
BH-80	3/17/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<10	<10	<50	<50	120
BH-81	3/17/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	23	23	49	72	280
BH-82	3/17/22	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	260	260	400	660	300
BH-83	3/17/22	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	530	530	540	1,070	1,900
BH-84	3/17/22	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	210	210	280	490	1,400
BH-85	3/17/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<9.6	<48	<48	670
BH-86	3/17/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	130	130	170	300	750
BH-87	3/17/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	84	84	160	244	450
BH-88	3/17/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	21	21	78	99	1,500
BH-89	3/17/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	89	89	150	239	2,300
BH-90	3/17/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<9.9	<49	<49	1,900
BH-91	3/17/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	120	120	170	290	3,500
BH-92	3/21/22	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	140	140	180	320	2,100
BH-93	3/21/22	4	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	220	220	230	450	2,600
BH-94	3/21/22	4	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	110	110	160	270	1,300
BH-95	3/21/22	4	<0.42	<0.24	<0:24	<0:48	<0:48	~24	3,700	3,700	2,400	6,100	560
BH-95A	4/28/22	8	<0.019	<0.037	<0.037	<0.075	<0.075	<3.7	15	15	<44	15	1,600
BH-96	3/21/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	430
BH-97	3/21/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<9.9	<49	<49	480
BH-98	3/21/22	4	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<9.4	<47	<47	320
BH-99	3/21/22	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.8	<9.8	<49	<49	1,900
BH-100	3/21/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	13	13	<46	13	1,500
BH-101	3/22/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	9.4	9.4	<46	9.4	1,200
BH-102	3/22/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	12	12	<50	12	1,700
BH-103	3/22/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	25	25	51	76	1,200
BH-104	3/22/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	68	68	100	168	2,100
BH-105	3/22/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<9.9	<49	<49	1,700
BH-106	3/22/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	99	99	150	249	220
BH-107	3/22/22	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	68	68	67	135	5,300
BH-108	3/22/22	4	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	12	12	<47	12	140
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									Total Pet	roleum Hydroca	rbons (TPH)		
	Samplo	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	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)	(mg/kg)
						bie i Closure C	riteria for Solls	s >100 feet Dep	th to Groundwa	iter 19.15.29 NM	AC		
			10 mg/kg				50 mg/kg	-		1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
BH-109	3/22/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	27	27	<47	27	5,200
BH-110	3/22/22	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<9.4	<47	<47	77
BH-111	3/22/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	77	77	64	141	3,900
BH-112	3/22/22	4	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	340	340	240	580	1,200
BH-113	3/22/22	4	<0.12	<0:24	<0:24	<0.48	<0.48	~24	2,700	2,700	1,500	4,200	2,400
BH-113A	4/29/22	8	<0.018	<0.036	<0.036	<0.072	<0.072	<3.6	210	210	160	370	780
BH-114	3/22/22	4	<0.12	<0.24	<0.24	<0.48	<0.48	<24	540	540	530	1,070	1,500
BH-115	3/22/22	4	<0.12	<0.24	<0.24	<0.48	<0.48	<24	170	170	120	290	1,800
BH-116	3/22/22	4	<0.12	<0.23	<0.23	<0.47	<0.47	<23	260	260	180	440	2,600
BH-117	3/22/22	4	<0.12	<0.25	<0.25	<0.50	<0.50	<25	38	38	<50	38	980
BH-118	3/22/22	4	<0.12	<0.24	<0.24	<0.48	<0.48	<24	930	930	480	1,410	4,400
BH-119 BH 120	3/22/22	4	<0.12	<0.24	<0.24	<0.48	<0.40	<24	400 520	400	220	700	3,300
BH-120	3/22/22	4	20.12	<0.24	<0.24	<0.48	<0.48	~24	>400	2400	950	140	4,100
BH-121A	A/29/22	25	<0.12	<0.037	<0.037	<0.073	<0.073	-37	540	540	320	860	5,100
BH-122	3/22/22	22	<0.12	< 0.24	<0.24	<0.49	<0.49	<24	52	52	<48	52	4,700
BH-123	3/22/22	22	<0.46	<0.93	13	16-	29	370	6.300	6.670	2,100	8.770	6,100
BH-123A	4/29/22	25	<0.020	<0.040	<0.040	<0.080	<0.080	<4.0	700	700	420	1,120	3,300
BH-124	5/12/22	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	194	194	119	313	176
BHX-2	3/30/22	21	<0.016	<0.032	0.038	<0.065	0.038	16	1,400	1,416	520	1,936	3,300
BHX-2A	5/5/22	25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	200	200	35.6	235.6	3,120
BHX-3	3/30/22	21	<0.018	<0.035	<0.035	<0.071	<0.071	5.5	1,200	1,206	560	1,706	3,500
BHX-3A	5/5/22	25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	160	160	31.0	191	2,040
BHX-6	3/30/22	21	<0.015	<0.030	<0.030	<0.061	<0.061	3.8	440	444	200	644	7,200
BHX-9	3/30/22	21	<0.016	<0.031	<0.031	<0.062	<0.062	<3.1	450	450	220	670	1,900
BHX-10	3/30/22	21	<0.016	<0.032	<0.032	<0.063	<0.063	<3.2	420	420	190	610	1,900
BHX-11	3/31/22	12	<0.094	<0.1₽	0.57	<0.38	0.57	43	3,000	3,043	1,000	4,043	1,900
BHX-11	4/27/22	25	<0.091	<0.18	<0.18	<0.37	<0.37	<18	1,000	1,000	490	1,490	1,400
BHX-12	3/31/22	12	<0.088	<0.18	<0.18	<0.35	<0.35	<18	120	120		220	950
	3/31/22	25	<0.084	<0.10	0.48 -0.10	<0.33	-0.27	-10	1,000	410	200	610	2,000
БПЛ-15 (БПЛ-15А ОП FIG. 3)	4/21/22	25	<0.093	<0.19	<0.19 Sidewall C	<0.37	<0.37	<19	410	410	200	610	2,000
SW-1	3/14/22	Sidewall	< 0.025	< 0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<9.3	<46	<46	160
SW-2	3/14/22	Sidewall	< 0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.1	<9.1	<46	<46	99
SW-3	3/14/22	Sidewall	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.5	<9.5	<48	<48	160
SW-4	3/14/22	Sidewall	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.3	<9.3	<46	<46	<59
SW-5	3/14/22	Sidewall	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.0	<9.0	<45	<45	<60
SW-6	3/14/22	Sidewall	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.5	<9.5	<47	<47	77
SW-7	3/14/22	Sidewall	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.1	<9.1	<46	<46	<60
SW-8	3/14/22	Sidewall	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<10	<50	<50	190
SW-9	3/14/22	Sidewall	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.7	<9.7	<48	<48	<60

		Depth			1				Total Petr				
	Sample		Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	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)	(mg/kg)
					la	ble i Closure C	riteria for Solis	>100 feet Dep	th to Groundwa	ter 19.15.29 NM	AC		
			10 mg/kg				50 mg/kg	-		1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SW-10	3/16/22	Sidewall	<0.024	<0.049	0.075	0:36	0.435	<4.9	72	72	160	232	120
SW-10	3/30/22	Sidewall	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	150	150	350	500	64
SW-10A	4/26/22	Stdewall	<0.021	<0:041	<0.041	<0:083	<0:083	24.1	170	170	360	530	86
SW-10B	5/6/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-11	3/18/22	Sidewall	<0.025	<0:049	<0:049	<0:098	<0:098	~4:9	71	74	200	271	270
SW-11A	5/6/22	Sidewall	<0:050	<0:050	<0:050	<0:150	<0:300	<10.0	145	145	122	267	32.0
SW-11B	5/12/22	Sidewall	<0:050	<0:050	<0.050	<0:150	<0:300	<10.0	1,010	1,010	157	1,167	2,140
SW-11C	5/17/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-12	3/18/22	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.4	<9.4	<47	<47	200
SW-13	3/18/22	Sidewall	<0.024	<0.049	<0.049	<0:097	<0.097	<4.0	16	16	50	66	660
SW-13A	5/6/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	10.8	10.8	128
SW-14	3/18/22	Sidewall	<0.12	<0:25	<0.25	<0.49	<0.49	<25	630	630	950	1,580	170
SW-14A	5/6/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-15	3/18/22	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	86	86	150	236	350
SW-16	3/18/22	Sidewall	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.5	<9.5	<48	<48	200
SW-17	3/18/22	Sidewall	<0.025	<0:050	<0.050	<0.099	<0.099	~5:0	110	110	190	300	85
SW-17A	4/25/22	Sidewall	<0.089	<0.18	<0.18	<0:36	<0:36	~18	960	960	1,300	2,260	650
SW-17B	4/29/22	Sidewall	<0.022	<0.045	<0.045	<0.089	<0.089	<4.5	<9.7	<9.7	<48	<48	<60
SW-18	3/22/22	Sidewall	<0.12	<0:24	3.0	2.2	5:2	120	3,500	3,620	1,300	4,920	6,100
SW-18A	5/5/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,520
SW-19	3/22/22	Sidewall	<0.12	<0:24	0.42	<0.49	0.42	15	1,500	1,551	700	2,251	4,000
SW-19A	5/5/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,540
SW-20	3/22/22	Sidewall	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.9	<9.9	<50	<50	4,200
SW-21	3/22/22	Sidewall	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.6	<9.6	<48	<48	3,700
SW-22	3/22/22	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	11	11	<46	11	2,700
SW-23	3/22/22	Sidewall	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	11	11	<48	11	5,200
SW-24	3/22/22	Sidewall	<0:12	<0:25	<0:25	<0.50	<0:50	~25	1,400	1,400	650	2,050	6,400
SW-24A	5/5/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,040
SW-25	3/22/22	Sidewall	<0.12	<0:24	<0.24	<0:49	<0:49	~24	2,400	2,400	930	3,330	7,300
SW-25A	5/5/22	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,870
SWX-1	3/30/22	4-21'	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<9.1	<46	<46	840
SWX-2	3/30/22	4-21'	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<10	<10	<50	<50	870
SWX-3	3/30/22	4-21'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<9.8	<49	<49	740
SWX-4	3/30/22	4-21'	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.8	<9.8	<49	<49	720
SWX-5	3/30/22	4-21'	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<9.9	<50	<50	650
SWX-6	3/30/22	4-21'	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<9.6	<48	<48	720
SWX-7	3/30/22	4-21'	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.5	<9.5	<47	<47	710
SWX-8	3/30/22	4-21'	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<9.5	<48	<48	820
SWX-9	3/30/22	4-21'	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.8	<9.8	<49	<49	780
SWX-10	3/30/22	4-21'	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.1	<9.1	<46	<46	730

	0	Denth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Sample	Depth (ft bas)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	Date	(n bgs)			Та	ble I Closure C	riteria for Soils	s >100 feet Dep	th to Groundwa	ter 19.15.29 NM	AC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SWX-11	3/30/22	4-21'	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<9.9	<50	<50	940
SWX-12	3/30/22	4-21'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	29	29	<46	29	900
SWX-13	3/30/22	4-21'	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	25	25	<50	25	940
SWX-14	3/30/22	4-21'	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.7	<9.7	<48	<48	720
SWX-15	3/30/22	4-21'	<0.12	<0.25	<0.25	<0.50	<0.050	<25	610	610	460	1,070	620
SWX-16	3/30/22	4-21'	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	340	340	320	660	700
SWX-17	3/30/22	4-21'	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	270	270	270	540	840
SWX-18	3/30/22	4-21'	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	89	89	120	209	800
SWX-19	3/31/22	4-12'	<0.12	<0.25	<0.25	<0.50	<0.050	<25	570	570	430	1,000	900
SWX-20	3/31/22	4-12'	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	210	210	380	590	550
SWX-21	3/31/22	4-12'	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	83	83	160	243	1,000
SWX-22	3/31/22	4-12'	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	51	51	82	133	1,600
SWX-23	3/31/22	4-12'	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	210	210	290	500	1,200
SWX-24	3/31/22	12-15	<0.12	<0:25	1.6	1.6	3.2	91	2,400	2,491	1,200	3,691	1,500
SWX-24A	4/28/22	12-25'	<0.019	<0.038	<0.038	<0.076	<0.076	<3.8	<9.8	<9.8	<49	<49	1,000
SWX-25	5/5/22	12-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,170
SWX-26	5/5/22	12-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070
SWX-27	5/5/22	15-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
SWX-28	5/5/22	4-13'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,220
SWX-29	5/5/22	15-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,400
SWX-30	5/5/22	15-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280
SWX-31	5/5/22	12-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
SWX-32	5/5/22	21-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	801	801	136	937	6,160
SWX-33	5/5/22	21-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	269	269	61.1	330.1	2,840
SWX-34	5/5/22	21-25'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,100
SWX-35	5/5/22	4-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.3	31.3	<10.0	31.3	1,730
SWX-36	5/5/22	4-13'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	229	229	166	395	1,520
SWX-37	5/12/22	5-27'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	553	553	97	650	2,880

Released to Imaging: 9/13/2022 8:20:05 AM

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

B-BH 2

5. TPH analyses by EPA Method SW 8015 Mod. 6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil

Concerning a second provide a casoline/plassimolog of the state and the NMAC 19.15.29.12 Table 1 Closure Criteria for the site.
 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).

Sample Point Excavated

Table 2Daily Disposal SummaryYates AS Fee BatteryEOG ResourcesEddy, County, New Mexico

Date of	Total Pounds	Total Tons
Disposal	Disposed	Disposed
3/9/2022	1,009,700	504.85
3/10/2022	1,565,700	782.85
3/11/2022	73,360	36.68
3/14/2022	1,978,080	989.04
3/15/2022	1,933,540	966.77
3/16/2022	2,054,840	1,027.42
3/17/2022	1,791,080	895.54
3/18/2022	503,160	251.58
3/21/2022	779,620	389.81
3/22/2022	1,694,660	847.33
3/23/2022	1,297,520	648.76
3/24/2022	938,300	469.15
3/25/2022	98,340	49.17
3/31/2022	1,115,340	557.67
4/1/2022	347,800	173.90
4/26/2022	1,078,440	539.22
4/29/2022	668,420	334.21
5/2/2022	604,900	302.45
5/3/2022	870,740	435.37
5/11/2022	95,460	47.73
Project Total	20,499,000	10,249.50

Attachment A Site Characterization Documentation



OSE PUBLIC PRINT



5/19/2021, 3:23:43 PM

GIS WATERS PODs

- Active
- Pending



New Mexico State Trust Lands



SiteBoundaries



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

Printed from Public Web Map Unofficial Map from OSE POD Locations Web Application



New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters	are 1=NW	2=NE 3=8	SW 4=SE)					
		(quarters	s are smalle	est to larg	est) (N	VAD83 UT	M in meters)			
Well Tag	POD Number	Q64 Q1	6Q4Se	c Tws I	Rng	Х	Y			
20642	RA 12548 POD1	4 4	3 25	18S 2	25E 5	552484	3619618 🧲			
ر Driller Lic	ense: 1348	Driller Co	ompany:	TAY	LOR WA	TER W	ELL SERVICE	E		
Driller Nar	me: TAYLOR, C	LINTON E.								
Drill Start	Date: 11/07/2017	Drill Finis	sh Date:	11	/13/2017	PI	ug Date:			
Log File D	ate: 12/14/2017	PCW Rev	/ Date:			Sc	ource:	Shallow		
Pump Typ	e:	Pipe Disc	charge S	size:	Es	Estimated Yield: 2 GPM				
Casing Size: 4.50		Depth We	ell:	25	5 feet	t Depth Water: 194 feet				
X	Water Bearing St	tratifications:	Тор Е	Bottom	Descrip	otion				
			194	206	Shale/M	ludstone	e/Siltstone			
			206	255	Shale/M	ludstone	e/Siltstone			
x	Casing	Perforations:	Тор Е	Bottom						

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.

5/19/21 2:28 PM

POINT OF DIVERSION SUMMARY



U.S. Fish and Wildlife Service

National Wetlands Inventory

EOG Yates AS Fee Battery



September 14, 2021

Wetlands

- Estuarine and Marine Deepwater
- **Estuarine and Marine Wetland**

- **Freshwater Pond**

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine

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

Released to Imaging: 9/13/2022 8:20:05 AM

Received by OCD: 5/27/2022 2:56:23,PM National Flood Hazard Layer FIRMette



Legend

Page 32 of 544



Releasea to Imaging: 9/13/2022 8.920:05 AM 1,500 2.000

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

Attachment B Photographic Log





Site Photograph

EOG Yates AS Fee Release Site.

GHD | Report for EOG | 11228401





Site Photograph

EOG Yates AS Fee Release Site.

GHD | Report for EOG | 11228401



GHD | Report for EOG | 11228401
Attachment C Confirmation Sampling Notifications

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From:	Chase Settle < Chase_Settle@eogresources.com >
Sent:	Thursday, March 3, 2022 3:49 PM
То:	Becky Haskell; Zach Comino; Tom Larson
Subject:	FW: Yates AS Fee Battery (nAPP2111230058) Sampling Notification

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Thursday, March 3, 2022 2:42 PM
To: Robert.Hamlet@state.nm.us
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Katie Jamison
<Katie_Jamison@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Bob Asher
<Bob_Asher@eogresources.com>; Yvette Moore <Yvette_Moore@eogresources.com>
Subject: Yates AS Fee Battery (nAPP2111230058) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification of sampling activities to be conducted at the below site.

Yates AS Fee Battery K-25-18S-25E Eddy County, NM nAPP2111230058

Sampling will begin at 8:00 a.m. on Friday, March 11, 2022.

Thank you,

Miriam Morales

From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Wednesday, March 9, 2022 10:50 AM
То:	Zach Comino; Becky Haskell
Subject:	FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

Thank you, Amber Griffin

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Sent: Wednesday, March 9, 2022 9:36 AM

To: Tina Huerta <Tina_Huerta@eogresources.com>

Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Yvette Moore <Yvette_Moore@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Amber Griffin <Amber_Griffin@eogresources.com>; BODEE EUDY <BODEE_EUDY@eogresources.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us> Subject: RE: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

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: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>>
Sent: Wednesday, March 9, 2022 9:18 AM
To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
Cc: Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</u>>; Chase Settle <<u>Chase_Settle@eogresources.com</u>>;
Yvette Moore <<u>Yvette_Moore@eogresources.com</u>>; Katie Jamison <<u>Katie_Jamison@eogresources.com</u>>; Amber
Griffin <<u>Amber_Griffin@eogresources.com</u>>; BODEE EUDY <<u>BODEE_EUDY@eogresources.com</u>>; Amber
Subject: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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 activities to be conducted at the below site.

Yates AS Fee Battery K-25-18S-25E Eddy County, NM nAPP2111230058

Sampling will begin at 10:00 a.m. on Monday, March 14, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina huerta@eogresources.com



From:	Chase Settle < Chase_Settle@eogresources.com >
Sent:	Thursday, March 17, 2022 8:51 AM
То:	Becky Haskell; Zach Comino
Cc:	Amber Griffin
Subject:	FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Thursday, March 17, 2022 7:46 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Amber Griffin
<Amber_Griffin@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Yvette Moore
<Yvette_Moore@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Bratcher, Mike, EMNRD
<mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD
<Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

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: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>> Sent: Wednesday, March 16, 2022 5:04 PM To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>> Cc: Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</u>>; Amber Griffin <<u>Amber_Griffin@eogresources.com</u>>; Chase Settle <<u>Chase_Settle@eogresources.com</u>>; Yvette Moore <<u>Yvette_Moore@eogresources.com</u>>; Katie Jamison <<u>Katie_Jamison@eogresources.com</u>> Subject: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

Yates AS Fee Battery nAPP2111230058

Sampling will begin at 10:00 a.m. on Monday, March 21, 2022, and will be continuous through Thursday, March 24, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina huerta@eogresources.com</u>



From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Wednesday, March 23, 2022 4:40 PM
То:	Becky Haskell; Zach Comino
Cc:	Chase Settle
Subject:	FW: Yates AS Fee Battery (nAPP2111230058) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, March 23, 2022 3:40 PM
To: Robert.Hamlet@state.nm.us
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory
<Artesia_Regulatory@eogresources.com>
Subject: Yates AS Fee Battery (nAPP2111230058) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Yates AS Fee Battery K-25-18S-25E Eddy County, NM nAPP2111230058

Sampling will begin at 8:00 a.m. on Wednesday, March 30, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina huerta@eogresources.com</u>



From:	Amber Griffin < Amber_Griffin@eogresources.com>
Sent:	Thursday, April 21, 2022 3:39 PM
To:	Becky Haskell; Zach Comino
Cc:	Chase Settle
Subject:	FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, April 21, 2022 2:38 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

FYI

From: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
Sent: Thursday, April 21, 2022 1:16 PM
To: Tina Huerta <<u>Tina Huerta@eogresources.com</u>>
Cc: Artesia Regulatory <<u>Artesia Regulatory@eogresources.com</u>>; Bratcher, Mike, EMNRD
<<u>mike.bratcher@state.nm.us</u>>; Nobui, Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>
Subject: RE: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

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: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>>
Sent: Thursday, April 21, 2022 8:25 AM
To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
Cc: Artesia S&E Spill Remediation <<u>Artesia_S&E_Spill_Remediation@eogresources.com</u>>; Artesia Regulatory

Subject: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

Yates AS Fee Battery nAPP2111230058

Sampling will begin at 1:00 p.m. on Monday, April 25, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina huerta@eogresources.com</u>



From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Tuesday, May 3, 2022 10:51 AM
То:	Becky Haskell; Zach Comino
Cc:	Chase Settle
Subject:	FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, May 3, 2022 9:50 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

FYI

From: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
Sent: Tuesday, May 3, 2022 8:15 AM
To: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>>
Cc: Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</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>>
Subject: RE: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

Please, include the CC'd individuals on all future notifications.

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: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>> Sent: Monday, May 2, 2022 2:03 PM To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
 Cc: Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</u>>; Artesia S&E Spill Remediation@eogresources.com>
 Subject: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

Yates AS Fee Battery K-25-18S-25E; Eddy County, NM nAPP2111230058

Sampling will begin at 10:00 a.m. on Thursday, May 5, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina huerta@eogresources.com</u>

Oeog resources Artesia Division

From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Thursday, May 5, 2022 10:41 AM
To:	Becky Haskell; Zach Comino
Cc:	Chase Settle
Subject:	FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, May 5, 2022 9:41 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

fyi

From: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
Sent: Thursday, May 5, 2022 9:24 AM
To: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>>
Cc: Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</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>>
Subject: RE: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

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: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>> Sent: Thursday, May 5, 2022 8:15 AM To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>> Cc: Artesia S&E Spill Remediation <<u>Artesia_S&E_Spill_Remediation@eogresources.com</u>>; Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</u>> Subject: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

Yates AS Fee Battery K-25-18S-25E; Eddy County, NM nAPP2111230058

Sampling will begin at 10:00 a.m. on Thursday, May 12, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com



Chase Settle <chase_settle@eogresources.com></chase_settle@eogresources.com>
Thursday, May 12, 2022 4:44 PM
Becky Haskell; Zach Comino
Amber Griffin
FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Thursday, May 12, 2022 3:33 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) Sampling Notification

FYI

Miriam Morales

From: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>> Sent: Thursday, May 12, 2022 3:02 PM To: Miriam Morales <<u>Miriam_Morales@eogresources.com</u>> Cc: Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</u>>; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Nobui, Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>; Nobui, Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>; Nobui, Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>; Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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 <<u>Miriam Morales@eogresources.com</u>> Sent: Wednesday, May 11, 2022 3:45 PM To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>> Cc: Artesia S&E Spill Remediation <<u>Artesia_S&E_Spill_Remediation@eogresources.com</u>>; Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</u>> Subject: [EXTERNAL] Yates AS Fee Battery (nAPP2111230058) 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.

Yates AS Fee Battery K-25-18S-25E; Eddy County, NM nAPP2111230058

Sampling will begin at 10:00 a.m. on Tuesday, May 17, 2022.

Thank you,

Miriam Morales

Appendix D Laboratory Analytical Reports and Chain-of-Custody Documentation

.



May 28, 2021

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

RE: Yates As Fee Battery

OrderNo.: 2105949

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 27 sample(s) on 5/21/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Envi	ronmental Analysis La	boratory,	Inc.			A I I	Analytical Report Lab Order: 2105949 Date Reported: 5/28	/2021	L
CLIENT:	GHD				L	ab C	Order: 21059	949	
Project:	Yates As Fee Battery								
Lab ID:	2105949-001		C	ollecti	on Date	: 5/1	19/2021 7:50:00 A	М	
Client Sample	e ID: TP1-2				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 300.0: ANIONS						An	alyst:	VP
Chloride		900	60		mg/Kg	20	5/24/2021 5:06:31	PM	60211
ΕΡΑ ΜΕΤΗΟ	D 8015M/D: DIESEL RANGE OR	GANICS					An	alvst:	SB
Diesel Range	e Organics (DRO)	46	9.9		ma/Ka	1	5/24/2021 8:16:16	PM	60191
Motor Oil Ra	nge Organics (MRO)	150	50		mg/Kg	1	5/24/2021 8:16:16	PM	60191
Surr: DNO	P	139	70-130	S	%Rec	1	5/24/2021 8:16:16	PM	60191
EPA METHO	D 8015D: GASOLINE RANGE						An	alyst:	NSB
Gasoline Rar	nge Organics (GRO)	ND	4.8		mg/Kg	1	5/24/2021 2:58:23	PM	60185
Surr: BFB		88.6	70-130		%Rec	1	5/24/2021 2:58:23	PM	60185
EPA METHO	D 8021B: VOLATILES						An	alyst:	NSB
Benzene		ND	0.024		mg/Kg	1	5/24/2021 2:58:23	PM	60185
Toluene		ND	0.048		mg/Kg	1	5/24/2021 2:58:23	PM	60185
Ethylbenzene	e	ND	0.048		mg/Kg	1	5/24/2021 2:58:23	PM	60185
Xylenes, Tota	al	ND	0.096		mg/Kg	1	5/24/2021 2:58:23	PM	60185
Surr: 4-Bro	omofluorobenzene	99.3	70-130		%Rec	1	5/24/2021 2:58:23	PM	60185
Lab ID:	2105949-002		C	ollecti	on Date	: 5/1	19/2021 7:55:00 A	М	
Client Sample	e ID: TP1-4				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 300.0: ANIONS						Ana	alyst:	VP
Chloride		1000	60		mg/Kg	20	5/25/2021 2:10:05	PM	60237
ЕРА МЕТНО	D 8015M/D: DIESEL RANGE OR	GANICS					An	alvst:	mb
Diesel Range		720	200		ma/Ka	20	5/22/2021 12:45:1	8 PM	60191
Motor Oil Ra	nge Organics (MRO)	1700	980		ma/Ka	20	5/22/2021 12:45:1	8 PM	60191
Surr: DNO	P	0	70-130	S	%Rec	20	5/22/2021 12:45:1	8 PM	60191
EPA METHO	D 8015D: GASOLINE RANGE						An	alvst:	NSB
Gasoline Rar	nge Organics (GRO)	ND	49		ma/Ka	1	5/24/2021 4:32:36	PM	60185
Surr: BFB		87.6	70-130		%Rec	1	5/24/2021 4:32:36	PM	60185
EPA METHO	D 8021B: VOLATILES						An	alyst:	NSB
Benzene		ND	0.025		mg/Kg	1	5/24/2021 4:32:36	PM	60185
Toluene		ND	0.049		mg/Kg	1	5/24/2021 4:32:36	PM	60185
Ethylbenzene	e	ND	0.049		mg/Kg	1	5/24/2021 4:32:36	PM	60185
Xylenes, Tota	al	ND	0.098		mg/Kg	1	5/24/2021 4:32:36	PM	60185
Surr: 4-Bro	omofluorobenzene	98.3	70-130		%Rec	1	5/24/2021 4:32:36	PM	60185

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

* Value exceeds Maximum Contaminant Level.

Qualifiers: D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в Е

Value above quantitation range

Analyte detected below quantitation limits J

Р Sample pH Not In Range

RL Reporting Limit Page 1 of 26

Analytical Report Lab Order: 2105949 Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/28/2021 **CLIENT:** GHD Lab Order: 2105949 **Project:** Yates As Fee Battery Lab ID: 2105949-003 Collection Date: 5/19/2021 8:00:00 AM Matrix: SOIL **Client Sample ID:** TP2-2 Result **RL** Oual Units **DF** Date Analyzed Analyses Batch ID **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 1000 5/25/2021 2:22:29 PM 60 60237 mg/Kg 20 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** 5/25/2021 11:30:07 AM 60191 53 9.5 mg/Kg 1 Motor Oil Range Organics (MRO) 330 5/25/2021 11:30:07 AM 60191 47 mg/Kg 1 Surr: DNOP 129 70-130 %Rec 1 5/25/2021 11:30:07 AM 60191

4.9

70-130

0.024

0.049

0.049

0.097

70-130

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

ND

88.1

ND

ND

ND

ND

99.5

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

Qualifiers:

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

EPA METHOD 8015D: GASOLINE RANGE

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

Analyte detected in the associated Method Blank

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

в

Page 2 of 26

Analyst: NSB

Analyst: NSB

60185

60185

60185

60185

60185

60185

60185

5/24/2021 4:56:11 PM

Released to Imaging: 9/13/2022 8:20:05 AM

Hall Envi	ronmental Analysis La	boratory,	Inc.			A L L	Analytical Report ab Order: 2105949 Date Reported: 5/28	; 3/202 1	L
CLIENT:	GHD				L	ab C	Order: 2105	949	
Project:	Yates As Fee Battery								
Lab ID:	2105949-004		C	ollecti	on Date	: 5/1	9/2021 8:10:00 A	М	
Client Sample	ID: TP2-4				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
	0 300.0: ANIONS						An	alvst:	VP
Chloride		220	60		ma/Ka	20	5/25/2021 2:34:53	PM	60237
							Δη	alvet	CB
		200	96		malka	10	E/24/2024 7:26:20		SD
Motor Oil Range	organics (DRO)	290	00 430		mg/Kg	10	5/24/2021 7:36:20		60191 60191
Surr: DNOF		0	70-130	S	%Rec	10	5/24/2021 7:36:20	PM	60191
		-		•			Δn	alvet	NCR
			4.0		malka	1	E/24/2021 E:10:41		60195
Surr BEB	ge Organics (GRO)	ND 87.9	4.9 70 - 130		%Rec	1	5/24/2021 5.19.41	PM	60185
		07.0	70 100		/01/000	•	0/24/2021 0.10.41		
	D 8021B: VOLATILES		0.004					aiyst.	NSB
Benzene		ND	0.024		mg/Kg	1	5/24/2021 5:19:41		60185
Ethylbenzene		ND	0.049		ma/Ka	1	5/24/2021 5.19.41	PM	60185
Xvlenes, Tota	I	ND	0.049		ma/Ka	1	5/24/2021 5:19:41	PM	60185
Surr: 4-Bro	mofluorobenzene	98.3	70-130		%Rec	1	5/24/2021 5:19:41	PM	60185
Lab ID:	2105949-005		C	ollecti	on Date	: 5/1	9/2021 8:50:00 A	М	
Client Sample	ID: TP3-11				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
				-					
EPA METHOL	300.0: ANIONS						An	alyst:	VP
Chloride		1900	61		mg/Kg	20	5/25/2021 2:47:18	PM	60237
EPA METHO	D 8015M/D: DIESEL RANGE OR	GANICS					An	alyst:	mb
Diesel Range	Organics (DRO)	ND	9.4		mg/Kg	1	5/22/2021 1:15:21	ΡM	60191
Motor Oil Ran	ge Organics (MRO)	ND	47		mg/Kg	1	5/22/2021 1:15:21	PM	60191
Surr: DNOF	2	87.4	70-130		%Rec	1	5/22/2021 1:15:21	PM	60191
EPA METHO	D 8015D: GASOLINE RANGE						An	alyst:	NSB
Gasoline Ran	ge Organics (GRO)	ND	4.6		mg/Kg	1	5/24/2021 5:43:33	PM	60185
Surr: BFB		88.6	70-130		%Rec	1	5/24/2021 5:43:33	PM	60185
EPA METHO	0 8021B: VOLATILES						An	alyst:	NSB
Benzene		ND	0.023		mg/Kg	1	5/24/2021 5:43:33	PM	60185
Toluene		ND	0.046		mg/Kg	1	5/24/2021 5:43:33	PM	60185
Ethylbenzene		ND	0.046		mg/Kg	1	5/24/2021 5:43:33	PM	60185
Xylenes, Tota	I	ND	0.092		mg/Kg	1	5/24/2021 5:43:33	PM	60185
Surr: 4-Bro	mofluorobenzene	98.3	70-130		%Rec	1	5/24/2021 5:43:33	PM	60185

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

* Qualifiers: Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в Е

Value above quantitation range

Analyte detected below quantitation limits J

Р Sample pH Not In Range

RL Reporting Limit Page 3 of 26

GHD

CLIENT:

Project:

Analytical Report Lab Order: 2105949 Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/28/2021 Lab Order: 2105949 Yates As Fee Battery

Lab ID:	2105949-006		C	collection Date	: 5/	19/2021 8:55:00 AM	M
Client Sample ID:	TP3-14			Matrix	s: sc	DIL	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300	0.0: ANIONS					Ana	lyst: VP
Chloride		1300	60	mg/Kg	20	5/25/2021 10:13:52	PM 60253
EPA METHOD 801	5M/D: DIESEL RANGE	ORGANICS				Ana	lyst: SB
Diesel Range Orga	nics (DRO)	20	9.4	mg/Kg	1	5/24/2021 8:36:23 I	PM 60191
Motor Oil Range Or	ganics (MRO)	57	47	mg/Kg	1	5/24/2021 8:36:23 I	PM 60191
Surr: DNOP		98.9	70-130	%Rec	1	5/24/2021 8:36:23 I	PM 60191
EPA METHOD 801	5D: GASOLINE RANGE	E				Ana	lyst: NSB
Gasoline Range Or	ganics (GRO)	ND	4.8	mg/Kg	1	5/24/2021 6:07:05 I	PM 60185
Surr: BFB		91.4	70-130	%Rec	1	5/24/2021 6:07:05 H	PM 60185
EPA METHOD 802	1B: VOLATILES					Ana	lyst: NSB
Benzene		ND	0.024	mg/Kg	1	5/24/2021 6:07:05 I	PM 60185
Toluene		ND	0.048	mg/Kg	1	5/24/2021 6:07:05 I	PM 60185
Ethylbenzene		ND	0.048	mg/Kg	1	5/24/2021 6:07:05 I	PM 60185
Xylenes, Total		ND	0.096	mg/Kg	1	5/24/2021 6:07:05 l	PM 60185
Surr: 4-Bromoflue	orobenzene	101	70-130	%Rec	1	5/24/2021 6:07:05 I	PM 60185

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

Qualifiers:

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

- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

Е Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

в

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Analytical Report Lab Order: 2105949

Han Environmental Analysis La	mc.			Γ	Date Reported: 5/28	8/2021		
CLIENT: GHD				L	ab C	Order: 21059	949	
Project: Yates As Fee Battery								
Lab ID: 2105949-007		C	ollecti	on Date	: 5/1	9/2021 9:00:00 A	М	
Client Sample ID: TP4-2				Matrix	sc:	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS						An	alvst:	VP
Chloride	ND	60		mg/Kg	20	5/25/2021 10:26:1	6 PM	60253
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS			0 0		An	alvst:	SB
Diesel Range Organics (DRO)	50	9.0		ma/Ka	1	5/24/2021 8:56:22	PM	60191
Motor Oil Range Organics (MRO)	180	45		ma/Ka	1	5/24/2021 8:56:22	PM	60191
Surr: DNOP	105	70-130		%Rec	1	5/24/2021 8:56:22	PM	60191
EPA METHOD 8015D: GASOLINE RANGE						An	alvst:	NSB
Gasoline Range Organics (GRO)	ND	4.9		ma/Ka	1	5/24/2021 6:30:34	PM	60185
Surr: BFB	91.4	70-130		%Rec	1	5/24/2021 6:30:34	PM	60185
EPA METHOD 8021B: VOLATILES						An	alvst:	NSB
Benzene	ND	0.025		ma/Ka	1	5/24/2021 6:30:34	PM	60185
Toluene	ND	0.049		ma/Ka	1	5/24/2021 6:30:34	PM	60185
Ethylbenzene	ND	0.049		mg/Kg	1	5/24/2021 6:30:34	PM	60185
Xylenes, Total	ND	0.098		mg/Kg	1	5/24/2021 6:30:34	PM	60185
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/24/2021 6:30:34	PM	60185
Lab ID: 2105949-008		C	ollecti	on Date	: 5/1	9/2021 9:10:00 A	М	
Client Sample ID: TP5-4				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS						An	alyst:	VP
Chloride	620	60		mg/Kg	20	5/25/2021 11:03:3	0 PM	60253
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					An	alyst:	mb
Diesel Range Organics (DRO)	ND	9.9		ma/Ka	1	5/22/2021 1:45:12	PM	60191
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/22/2021 1:45:12	PM	60191
Surr: DNOP	119	70-130		%Rec	1	5/22/2021 1:45:12	PM	60191
EPA METHOD 8015D: GASOLINE RANGE						An	alyst:	NSB
Gasoline Range Organics (GRO)	ND	5.0		ma/Ka	1	5/24/2021 6:54:25	PM	60185
Surr: BFB	92.0	70-130		%Rec	1	5/24/2021 6:54:25	PM	60185
EPA METHOD 8021B: VOLATILES						An	alyst:	NSB
Benzene	ND	0.025		mg/Kg	1	5/24/2021 6:54:25	PM	60185
Toluene	ND	0.050		mg/Kg	1	5/24/2021 6:54:25	PM	60185
Ethylbenzene	ND	0.050		mg/Kg	1	5/24/2021 6:54:25	PM	60185
Xylenes, Total	ND	0.10		mg/Kg	1	5/24/2021 6:54:25	PM	60185
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	5/24/2021 6:54:25	PM	60185
Refer to the QC Summary report and sam	nple login chec	klist for fla	gged (QC data a	and p	reservation inform	natior	۱.

* Value exceeds Maximum Contaminant Level. **Qualifiers:**

Same Decision Financial Containing Containing Level.
 D Same Decision of Advisor Section of Containing Linear Containing Containing Linear Containing

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

B Analyte detected in the associated Method Blank Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р P Sample pH Not RL Reporting Limit

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Analytical Report Lab Order: 2105949 Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/28/2021 **CLIENT:** GHD Lab Order: 2105949 **Project:** Yates As Fee Battery Lab ID: 2105949-009 Collection Date: 5/19/2021 9:15:00 AM Matrix: SOIL **Client Sample ID:** TP5-6 Result **RL** Oual Units **DF** Date Analyzed Analyses Batch ID **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 5/25/2021 11:15:54 PM 60253 930 60 mg/Kg 20 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB **Diesel Range Organics (DRO)** 5/24/2021 7:56:15 PM 320 49 mg/Kg 5 60191 Motor Oil Range Organics (MRO) 760 5 5/24/2021 7:56:15 PM 60191 240 mg/Kg Surr: DNOP 108 70-130 %Rec 5 5/24/2021 7:56:15 PM 60191 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 5/24/2021 7:18:01 PM 60185 Surr: BFB 90.3 70-130 %Rec 1 5/24/2021 7:18:01 PM 60185

EPA METHOD 8021B: VOLATILES Analyst: NSB Benzene ND 5/24/2021 7:18:01 PM 0.024 mg/Kg 1 60185 Toluene ND 0.048 mg/Kg 1 5/24/2021 7:18:01 PM 60185 Ethylbenzene ND 0.048 mg/Kg 1 5/24/2021 7:18:01 PM 60185 Xylenes, Total ND 0.097 mg/Kg 1 5/24/2021 7:18:01 PM 60185 Surr: 4-Bromofluorobenzene 101 70-130 %Rec 5/24/2021 7:18:01 PM 60185 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

E Value above quantitation range

Analyte detected in the associated Method Blank

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

в

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Toluene

Ethylbenzene

Xylenes, Total

Hall Envi	ronmental Analysis L	aboratory,	Analytical ReportLab Order: 2105949Dratory, Inc.Date Reported: 5/28					rt 9 28/202:	2021	
CLIENT:	GHD				Ι	ab O	Order: 210	5949		
Project:	Yates As Fee Battery									
Lab ID:	2105949-010		C	ollecti	on Date	: 5/1	9/2021 9:30:00	AM		
Client Sample	e ID: TP6-8				Matrix	: SO	DIL			
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID	
EPA METHO	D 300.0: ANIONS						А	nalyst	VP	
Chloride		2200	60		mg/Kg	20	5/25/2021 11:28	:18 PM	60253	
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS					А	nalyst	mb	
Diesel Range	Organics (DRO)	ND	9.6		mg/Kg	1	5/22/2021 2:05:1	7 PM	60191	
Motor Oil Rar	nge Organics (MRO)	ND	48		mg/Kg	1	5/22/2021 2:05:1	7 PM	60191	
Surr: DNO	P	116	70-130		%Rec	1	5/22/2021 2:05:1	7 PM	60191	
EPA METHO	D 8015D: GASOLINE RANGE						A	nalyst:	NSB	
Gasoline Ran	nge Organics (GRO)	ND	4.9		mg/Kg	1	5/24/2021 7:41:2	29 PM	60185	
Surr: BFB		89.9	70-130		%Rec	1	5/24/2021 7:41:2	29 PM	60185	
EPA METHO	D 8021B: VOLATILES						A	nalyst:	NSB	
Benzene		ND	0.024		mg/Kg	1	5/24/2021 7:41:2	29 PM	60185	
Toluene		ND	0.049		mg/Kg	1	5/24/2021 7:41:2	29 PM	60185	
Ethylbenzene	9	ND	0.049		mg/Kg	1	5/24/2021 7:41:2	29 PM	60185	
Xylenes, Tota	al	ND	0.098		mg/Kg	1	5/24/2021 7:41:2	29 PM	60185	
Surr: 4-Bro	omofluorobenzene	100	70-130		%Rec	1	5/24/2021 7:41:2	29 PM	60185	
Lab ID:	2105949-011		C	ollecti	on Date	: 5/1	9/2021 9:35:00	AM		
Client Sample	e ID: TP6-10				Matrix	: SO	DIL			
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID	
EPA METHO	D 300.0: ANIONS						А	nalyst	VP	
Chloride		1500	60		mg/Kg	20	5/25/2021 11:40	:42 PM	60253	
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS					A	nalyst	mb	
Diesel Range	e Organics (DRO)	ND	9.5		mg/Kg	1	5/22/2021 2:15:4	13 PM	60191	
Motor Oil Rar	nge Organics (MRO)	ND	47		mg/Kg	1	5/22/2021 2:15:4	I3 PM	60191	
Surr: DNO	Р	100	70-130		%Rec	1	5/22/2021 2:15:4	I3 PM	60191	
EPA METHO	D 8015D: GASOLINE RANGE						A	nalyst	NSB	
Gasoline Ran	nge Organics (GRO)	ND	4.8		mg/Kg	1	5/24/2021 8:04:5	55 PM	60185	
Surr: BFB		92.0	70-130		%Rec	1	5/24/2021 8:04:5	55 PM	60185	
EPA METHO	D 8021B: VOLATILES						A	nalyst	NSB	
Benzene		ND	0.024		mg/Kg	1	5/24/2021 8:04:5	55 PM	60185	

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

0.048

0.048

0.096

70-130

ND

ND

ND

103

Qualifiers: Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

В Analyte detected in the associated Method Blank Е

Value above quantitation range

J Analyte detected below quantitation limits

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

5/24/2021 8:04:55 PM

5/24/2021 8:04:55 PM

5/24/2021 8:04:55 PM

5/24/2021 8:04:55 PM

Р Sample pH Not In Range

RL Reporting Limit Page 7 of 26

60185

60185

60185

60185

Analytical Report Lab Order: 2105949 Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/28/2021 **CLIENT:** GHD Lab Order: 2105949 **Project:** Yates As Fee Battery Lab ID: 2105949-012 Collection Date: 5/19/2021 9:45:00 AM TP7-2 Matrix: SOIL Client Sample ID: Result **RL** Oual Units **DF** Date Analyzed Analyses **Batch ID EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 450 60 5/25/2021 11:53:06 PM 60253 mg/Kg 20 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: mb **Diesel Range Organics (DRO)** 5/22/2021 2:26:11 PM ND 9.0 mg/Kg 1 60191 Motor Oil Range Organics (MRO) ND 5/22/2021 2:26:11 PM 60191 45 mg/Kg 1 Surr: DNOP 127 70-130 %Rec 1 5/22/2021 2:26:11 PM 60191 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 5/24/2021 9:15:51 PM 60185 Surr: BFB 89.6 70-130 %Rec 1 5/24/2021 9:15:51 PM 60185 **EPA METHOD 8021B: VOLATILES** Analyst: NSB

ND

ND

ND

ND

99.3

0.024

0.049

0.049

0.097

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

5/24/2021 9:15:51 PM

60185

60185

60185

60185

60185

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

E Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

в

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Hall Envir	onmental Analysis La	aboratory,	Inc.		Analytical Report Lab Order: 2105949 Date Reported: 5/28/2021				
CLIENT:	GHD				I	.ab C	Order: 2105	5949	
Project:	Yates As Fee Battery								
Lab ID:	2105949-013		C	ollecti	on Date	: 5/1	9/2021 9:50:00	AM	
Client Sample I	D: TP7-4				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD	300.0: ANIONS						Ai	nalyst:	: VP
Chloride		380	60		mg/Kg	20	5/26/2021 8:38:4	8 AM	60262
EPA METHOD	8015M/D: DIESEL RANGE OF	RGANICS					Ai	nalyst:	mb
Diesel Range C	Organics (DRO)	ND	9.5		mg/Kg	1	5/22/2021 2:36:4	4 PM	60191
Motor Oil Range	e Organics (MRO)	ND	48		mg/Kg	1	5/22/2021 2:36:4	4 PM	60191
Surr: DNOP		123	70-130		%Rec	1	5/22/2021 2:36:4	4 PM	60191
EPA METHOD	8015D: GASOLINE RANGE						Ai	nalyst:	NSB
Gasoline Range	e Organics (GRO)	ND	4.9		mg/Kg	1	5/24/2021 9:39:3	0 PM	60185
Surr: BFB		89.7	70-130		%Rec	1	5/24/2021 9:39:3	0 PM	60185
EPA METHOD	8021B: VOLATILES						A	nalyst:	NSB
Benzene		ND	0.025		mg/Kg	1	5/24/2021 9:39:3	0 PM	60185
Toluene		ND	0.049		mg/Kg	1	5/24/2021 9:39:3	0 PM	60185
Ethylbenzene		ND	0.049		mg/Kg	1	5/24/2021 9:39:3	0 PM	60185
Xylenes, Total		ND	0.098		mg/Kg	1	5/24/2021 9:39:3	0 PM	60185
Surr: 4-Brom	ofluorobenzene	100	70-130		%Rec	1	5/24/2021 9:39:3	0 PM	60185
Lab ID:	2105949-014		C	ollecti	on Date	: 5/1	9/2021 9:55:00	AM	
Client Sample I	D: TP8-2				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD	300.0: ANIONS						Ai	nalyst:	VP
Chloride		1100	60		mg/Kg	20	5/26/2021 8:51:1	3 AM	60262
EPA METHOD	8015M/D: DIESEL RANGE OF	RGANICS					A	nalyst:	mb
Diesel Range C	Organics (DRO)	ND	9.4		mg/Kg	1	5/22/2021 2:47:1	8 PM	60191
Motor Oil Range	e Organics (MRO)	ND	47		mg/Kg	1	5/22/2021 2:47:1	8 PM	60191
Surr: DNOP		114	70-130		%Rec	1	5/22/2021 2:47:1	8 PM	60191
EPA METHOD	8015D: GASOLINE RANGE						Ai	nalyst:	NSB
Gasoline Range	e Organics (GRO)	ND	4.9		mg/Kg	1	5/24/2021 10:03:	09 PM	60185
Surr: BFB		87.2	70-130		%Rec	1	5/24/2021 10:03:	09 PM	60185
EPA METHOD	8021B: VOLATILES						A	nalyst:	NSB
Benzene		ND	0.024		mg/Kg	1	5/24/2021 10:03:	09 PM	60185
Toluene		ND	0.049		mg/Kg	1	5/24/2021 10:03:	09 PM	60185
Ethylbenzene		ND	0.049		mg/Kg	1	5/24/2021 10:03:	09 PM	60185
Xylenes, Total	<i>"</i>	ND	0.097		mg/Kg	1	5/24/2021 10:03:	09 PM	60185
Surr: 4-Brom	ofluorobenzene	97.3	70-130		%Rec	1	5/24/2021 10:03:	09 PM	60185

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

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р RL Reporting Limit

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Diesel Range Organics (DRO)

Surr: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 8015D: GASOLINE RANGE

Project:

Lab ID:

5/22/2021 3:28:03 PM

5/22/2021 3:28:03 PM

5/22/2021 3:28:03 PM

5/25/2021 4:18:13 PM

60192

60192

60192

60188

60188

60188

60188

60188

60188

60188

Analyst: NSB

Analyst: NSB

Analytical Report Lab Order: 2105949 Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/28/2021 **CLIENT:** GHD Lab Order: 2105949 Yates As Fee Battery 2105949-015 Collection Date: 5/19/2021 10:00:00 AM TP8-4 Matrix: SOIL **Client Sample ID:** Result **RL** Oual Units **DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 670 61 5/26/2021 9:28:26 AM 60262 mg/Kg 20 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: mb

9.7

49

5.0

70-130

70-130

0.025

0.050

0.050

0.10

70-130

mg/Kg

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

1

1

1

ND

ND

95.4

ND

91.2

ND

ND

ND

ND

102

Refer to the QC Summary 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 POL
- % Recovery outside of range due to dilution or matrix S

E Value above quantitation range

Analyte detected in the associated Method Blank

- T Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

в

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Released to Imaging: 9/13/2022 8:20:05 AM

Hall Envi	ronmental Analysis La	Analytical Report Lab Order: 2105949 Date Reported: 5/28/						3/2021	2021	
CLIENT:	GHD				I	.ab C	Drder: 2105	949		
Project:	Yates As Fee Battery									
Lab ID:	2105949-016		C	ollecti	on Date	: 5/1	9/2021 10:05:00	AM		
Client Sample	e ID: TP9-2				Matrix	: SC	DIL			
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID	
EPA METHO	D 300.0: ANIONS						An	alyst:	VP	
Chloride		460	60		mg/Kg	20	5/26/2021 10:05:3	9 AM	60262	
EPA METHO	D 8015M/D: DIESEL RANGE OF	GANICS					An	alyst:	mb	
Diesel Range	e Organics (DRO)	ND	9.6		mg/Kg	1	5/22/2021 3:58:23	PM	60192	
Motor Oil Rai	nge Organics (MRO)	ND	48		mg/Kg	1	5/22/2021 3:58:23	PM	60192	
Surr: DNO	P	87.4	70-130		%Rec	1	5/22/2021 3:58:23	PM	60192	
EPA METHO	D 8015D: GASOLINE RANGE						An	alyst:	NSB	
Gasoline Rar	nge Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2021 5:28:39	PM	60188	
Surr: BFB		89.8	70-130		%Rec	1	5/25/2021 5:28:39	PM	60188	
EPA METHO	D 8021B: VOLATILES						An	alyst:	NSB	
Benzene		ND	0.025		mg/Kg	1	5/25/2021 5:28:39	PM	60188	
Toluene		ND	0.049		mg/Kg	1	5/25/2021 5:28:39	PM	60188	
Ethylbenzene	e	ND	0.049		mg/Kg	1	5/25/2021 5:28:39	PM	60188	
Xylenes, Tota	al	ND	0.098		mg/Kg	1	5/25/2021 5:28:39	PM	60188	
Surr: 4-Bro	omofluorobenzene	100	70-130		%Rec	1	5/25/2021 5:28:39	PM	60188	
Lab ID:	2105949-017		C	ollecti	on Date	: 5/1	9/2021 10:40:00	AM		
Client Sample	e ID: TP10-8				Matrix	: SC	DIL			
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID	
EPA METHO	D 300.0: ANIONS						An	alyst:	VP	
Chloride		1300	60		mg/Kg	20	5/26/2021 10:42:5	2 AM	60262	
ΕΡΑ ΜΕΤΗΟ	D 8015M/D: DIESEL RANGE OF	GANICS					An	alyst:	mb	
Diesel Range	e Organics (DRO)	ND	8.4		mg/Kg	1	5/22/2021 4:08:26	PM	60192	
Motor Oil Rai	nge Organics (MRO)	ND	42		mg/Kg	1	5/22/2021 4:08:26	PM	60192	
Surr: DNO)P	101	70-130		%Rec	1	5/22/2021 4:08:26	PM	60192	
EPA METHO	D 8015D: GASOLINE RANGE						An	alyst:	NSB	
Gasoline Rar	nge Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2021 6:39:29	PM	60188	
Surr: BFB		91.9	70-130		%Rec	1	5/25/2021 6:39:29	PM	60188	
EPA METHO	D 8021B: VOLATILES						An	alyst:	NSB	
Benzene		ND	0.024		mg/Kg	1	5/25/2021 6:39:29	PM	60188	
Toluene		ND	0.049		mg/Kg	1	5/25/2021 6:39:29	PM	60188	
Ethylbenzene	e	ND	0.049		mg/Kg	1	5/25/2021 6:39:29	PM	60188	
Xylenes, Tota	al	ND	0.098		mg/Kg	1	5/25/2021 6:39:29	PM	60188	
Surr: 4-Bro	omotluorobenzene	101	70-130		%Rec	1	5/25/2021 6:39:29	PM	60188	

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

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р

RL Reporting Limit Page 11 of 26

.

Analytical Report Lab Order: 2105949 Hall Environmental Analysis Laboratory, Inc. Date Reported: 5/28/2021 **CLIENT:** GHD Lab Order: 2105949 **Project:** Yates As Fee Battery Lab ID: 2105949-018 Collection Date: 5/19/2021 10:45:00 AM TP10-10 Matrix: SOIL Client Sample ID: Result **RL** Oual Units **DF** Date Analyzed Analyses Batch ID **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 5/26/2021 10:55:17 AM 60262 620 60 mg/Kg 20 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: mb **Diesel Range Organics (DRO)** 5/22/2021 4:18:28 PM ND 8.8 mg/Kg 1 60192 Motor Oil Range Organics (MRO) ND 5/22/2021 4:18:28 PM 60192 44 mg/Kg 1 Surr: DNOP 97.7 70-130 %Rec 1 5/22/2021 4:18:28 PM 60192 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 5/25/2021 7:02:56 PM Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 60188 Surr: BFB 91.3 70-130 %Rec 1 5/25/2021 7:02:56 PM 60188 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 1 5/25/2021 7:02:56 PM 60188

ND

ND

ND

101

0.048

0.048

0.096

70-130

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

5/25/2021 7:02:56 PM

5/25/2021 7:02:56 PM

5/25/2021 7:02:56 PM

5/25/2021 7:02:56 PM

60188

60188

60188

60188

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

E Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

в

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Hall Envi	ronmental Analysis L	Analytical Reported Lab Order: 2105 Laboratory, Inc. Date Reported:						port 5949 5/28/2021	
CLIENT: Project:	GHD Yates As Fee Battery				L	ab C	Order: 21	05949	
Lab ID:	2105949-019		C	ollecti	on Date	: 5/1	9/2021 10:50:	00 AM	
Client Sample	e ID: TP11-2				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyze	d Ba	atch ID
EPA METHO	D 300.0: ANIONS							Analyst	: VP
Chloride		620	60		mg/Kg	20	5/26/2021 11:0)7:41 AM	60262
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS						Analyst	: mb
Diesel Range	Organics (DRO)	720	91		mg/Kg	10	5/22/2021 4:28	3:29 PM	60192
Motor Oil Rar	nge Organics (MRO)	650	450		mg/Kg	10	5/22/2021 4:28	3:29 PM	60192
Surr: DNO	P	0	70-130	S	%Rec	10	5/22/2021 4:28	3:29 PM	60192
EPA METHO	D 8015D: GASOLINE RANGE							Analyst	: NSB
Gasoline Ran	ge Organics (GRO)	ND	25	D	mg/Kg	5	5/25/2021 7:26	5:29 PM	60188
Surr: BFB		92.2	70-130	D	%Rec	5	5/25/2021 7:26	3:29 PM	60188
EPA METHO	D 8021B: VOLATILES							Analyst	: NSB
Benzene		ND	0.12	D	mg/Kg	5	5/25/2021 7:26	3:29 PM	60188
Toluene		ND	0.25	D	mg/Kg	5	5/25/2021 7:26	5:29 PM	60188
Ethylbenzene	•	ND	0.25	D	mg/Kg	5	5/25/2021 7:26	3:29 PM	60188
Xylenes, Tota	al	ND	0.49	D	mg/Kg	5	5/25/2021 7:26	5:29 PM	60188
Surr: 4-Bro	mofluorobenzene	102	70-130	D	%Rec	5	5/25/2021 7:26):29 PM	60188
Lab ID:	2105949-020		C	ollecti	on Date	: 5/1	9/2021 10:55:	00 AM	
Client Sample	e ID: TP11-4				Matrix	: SC	IL		
Analyses		Result	RL	Qual	Units	DF	Date Analyze	ed Ba	atch ID
EPA METHO	D 300.0: ANIONS							Analyst	: VP
Chloride		870	60		mg/Kg	20	5/26/2021 11:2	20:06 AM	60262
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS						Analyst	: mb
Diesel Range	Organics (DRO)	ND	9.7		mg/Kg	1	5/22/2021 4:38	3:28 PM	60192
Motor Oil Rar	nge Organics (MRO)	ND	48		mg/Kg	1	5/22/2021 4:38	3:28 PM	60192
Surr: DNO	P	93.5	70-130		%Rec	1	5/22/2021 4:38	3:28 PM	60192
EPA METHO	D 8015D: GASOLINE RANGE							Analyst	: NSB
Gasoline Ran	ge Organics (GRO)	ND	4.8		mg/Kg	1	5/25/2021 7:50):02 PM	60188
Surr: BFB		91.7	70-130		%Rec	1	5/25/2021 7:50):02 PM	60188
EPA METHO	D 8021B: VOLATILES							Analyst	: NSB
Benzene		ND	0.024		mg/Kg	1	5/25/2021 7:50):02 PM	60188
Toluene		ND	0.048		mg/Kg	1	5/25/2021 7:50):02 PM	60188
Ethylbenzene		ND	0.048		mg/Kg	1	5/25/2021 7:50):02 PM	60188

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

0.096

70-130

ND

101

Qualifiers: Value exceeds Maximum Contaminant Level.

Surr: 4-Bromofluorobenzene

Xylenes, Total

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

В Analyte detected in the associated Method Blank Е

Value above quantitation range

1

1

5/25/2021 7:50:02 PM

5/25/2021 7:50:02 PM

J Analyte detected below quantitation limits

mg/Kg

%Rec

Р Sample pH Not In Range

RL Reporting Limit Page 13 of 26

60188

60188

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order: 2105949

Date Reported: 5/28/2021

5/25/2021 8:13:46 PM 60188

CLIENT: Project:	GHD Yates As Fee Battery			L	ab O	rder:	2105949	
Lab ID:	2105949-021		Colle	ection Date	: 5/1	9/2021 11	:30:00 AM	
Client Sample	e ID: TP12-13			Matrix	: SO	IL		
Analyses		Result	RL Qu	ual Units	DF	Date Ana	lyzed B	atch ID
EPA METHO	D 300.0: ANIONS						Analys	t: VP
Chloride		5400	300	mg/Kg	100	5/26/2021	9:03:09 PM	60262
EPA METHOD 8015M/D: DIESEL RANGE OR		GANICS			Analys			t: mb
Diesel Range	e Organics (DRO)	ND	9.6	mg/Kg	1	5/22/2021	4:48:27 PM	60192
Motor Oil Ra	nge Organics (MRO)	ND	48	mg/Kg	1	5/22/2021	4:48:27 PM	60192
Surr: DNC)P	99.9	70-130	%Rec	1	5/22/2021	4:48:27 PM	60192
EPA METHO	D 8015D: GASOLINE RANGE						Analys	t: NSB
Gasoline Rai	nge Organics (GRO)	ND	4.9	mg/Kg	1	5/25/2021	8:13:46 PM	60188
Surr: BFB		91.5	70-130	%Rec	1	5/25/2021	8:13:46 PM	60188
EPA METHO	D 8021B: VOLATILES						Analys	t: NSB
Benzene		ND	0.025	mg/Kg	1	5/25/2021	8:13:46 PM	60188
Toluene		ND	0.049	mg/Kg	1	5/25/2021	8:13:46 PM	60188
Ethylbenzene	e	ND	0.049	mg/Kg	1	5/25/2021	8:13:46 PM	60188
Xylenes, Tota	al	ND	0.099	mg/Kg	1	5/25/2021	8:13:46 PM	60188

101

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

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

E Value above quantitation range

Analyte detected in the associated Method Blank

%Rec 1

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

в

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Analytical Report Lab Order: 2105949

Date Reported:	5/28/2021

Hall Environmental Analysis La	all Environmental Analysis Laboratory, Inc.					Date Reported: 5/28/2021					
CLIENT: GHD				L	ab C	Order: 21059	949				
Project: Yates As Fee Battery											
Lab ID: 2105949-022		C	ollectio	on Date	: 5/1	19/2021 11:35:00	AM				
Client Sample ID: TP13-2				Matrix	: SC	DIL					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch]	D			
EPA METHOD 300.0: ANIONS						Ana	alyst: VP				
Chloride	110	60		mg/Kg	20	5/26/2021 11:44:5	5 AM 602	62			
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					An	alvst: mb				
Diesel Range Organics (DRO)	ND	9.1		ma/Ka	1	5/22/2021 4:58:24	PM 601	92			
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/22/2021 4:58:24	PM 601	92			
Surr: DNOP	84.8	70-130		%Rec	1	5/22/2021 4:58:24	PM 601	92			
EPA METHOD 8015D: GASOLINE RANGE						An	alyst: NSI	в			
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/25/2021 9:47:24	PM 601	88			
Surr: BFB	89.8	70-130		%Rec	1	5/25/2021 9:47:24	PM 601	88			
EPA METHOD 8021B: VOLATILES						An	alyst: NS I	в			
Benzene	ND	0.023		mg/Kg	1	5/25/2021 9:47:24	PM 601	88			
Toluene	ND	0.046		mg/Kg	1	5/25/2021 9:47:24	PM 601	88			
Ethylbenzene	ND	0.046		mg/Kg	1	5/25/2021 9:47:24	PM 601	88			
Xylenes, Total	ND	0.092		mg/Kg	1	5/25/2021 9:47:24	PM 601	88			
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/25/2021 9:47:24	PM 601	88			
Lab ID: 2105949-023		C	Collectio	on Date	: 5/1	19/2021 11:55:00	٩M				
Client Sample ID: TP14-13				Matrix	: SC	DIL					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch]	D			
EPA METHOD 300.0: ANIONS						Ana	alyst: VP				
Chloride	3500	150		mg/Kg	50	5/26/2021 9:15:34	PM 602	62			
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Ana	alyst: mb				
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/22/2021 5:08:18	PM 601	92			
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/22/2021 5:08:18	PM 601	92			
Surr: DNOP	102	70-130		%Rec	1	5/22/2021 5:08:18	PM 601	92			
EPA METHOD 8015D: GASOLINE RANGE						Ana	alyst: NSI	3			
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/25/2021 10:10:4	3 PM 601	88			
Surr: BFB	90.1	70-130		%Rec	1	5/25/2021 10:10:4	3 PM 601	88			
EPA METHOD 8021B: VOLATILES						An	alyst: NSI	3			
		0.025		mg/Kg	1	5/25/2021 10:10:4	3 PM 601	88			
Benzene	ND	0.010									
Benzene Toluene	ND	0.050		mg/Kg	1	5/25/2021 10:10:4	3 PM 601	88			
Benzene Toluene Ethylbenzene	ND ND	0.050 0.050		mg/Kg mg/Kg	1 1	5/25/2021 10:10:44 5/25/2021 10:10:44	8 PM 601 3 PM 601	88 88			
Benzene Toluene Ethylbenzene Xylenes, Total	ND ND ND ND	0.050 0.050 0.10		mg/Kg mg/Kg mg/Kg	1 1 1	5/25/2021 10:10:44 5/25/2021 10:10:44 5/25/2021 10:10:44	8 PM 601 3 PM 601 3 PM 601	88 88 88			

* **Qualifiers:** Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix Н

Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank В Е

Value above quantitation range

Analyte detected below quantitation limits J

Р Sample pH Not In Range RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order: 2105949

Date Reported: 5/28/2021

CLIENT:	GHD			L	ab O	rder: 21	05949	
Project:	Yates As Fee Battery							
Lab ID:	2105949-024		Coll	ection Date	: 5/1	9/2021 12:00:0	00 PM	
Client Sample	e ID: TP15-2			Matrix	: SO	IL		
Analyses		Result	RL Q	ual Units	DF	Date Analyze	d Ba	tch ID
EPA METHO	D 300.0: ANIONS						Analyst	VP
Chloride		ND	60	mg/Kg	20	5/26/2021 12:0	9:43 PM	60262
EPA METHO	D 8015M/D: DIESEL RANGE OF	RGANICS					Analyst	mb
Diesel Range	e Organics (DRO)	ND	9.8	mg/Kg	1	5/22/2021 5:18	:12 PM	60192
Motor Oil Ra	nge Organics (MRO)	ND	49	mg/Kg	1	5/22/2021 5:18	:12 PM	60192
Surr: DNO)P	76.1	70-130	%Rec	1	5/22/2021 5:18	:12 PM	60192
EPA METHO	D 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Rar	nge Organics (GRO)	ND	4.8	mg/Kg	1	5/25/2021 10:3	4:09 PM	60188
Surr: BFB		92.4	70-130	%Rec	1	5/25/2021 10:3	4:09 PM	60188
EPA METHO	D 8021B: VOLATILES						Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	5/25/2021 10:3	4:09 PM	60188
Toluene		ND	0.048	mg/Kg	1	5/25/2021 10:3	4:09 PM	60188
Ethylbenzene	e	ND	0.048	mg/Kg	1	5/25/2021 10:3	4:09 PM	60188
Xylenes, Tota	al	ND	0.096	mg/Kg	1	5/25/2021 10:3	4:09 PM	60188

103

70-130

%Rec

1

5/25/2021 10:34:09 PM 60188

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

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

E Value above quantitation range

Analyte detected in the associated Method Blank

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

в

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Hall Envi	ronmental Analysis La	aboratory,	Inc.		Analytical Report Lab Order: 2105949 Date Reported: 5/28/2021				
CLIENT:	GHD				L	ab C)rder: 2105	949	
Project:	Yates As Fee Battery								
Lab ID:	2105949-025		C	ollecti	on Date	: 5/1	19/2021 12:30:00	PM	
Client Sample	e ID: TP16-10				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 300.0: ANIONS						An	alyst:	VP
Chloride		4500	150		mg/Kg	50	5/26/2021 9:27:58	PM	60262
EPA METHO	D 8015M/D: DIESEL RANGE OR	GANICS					An	alvst:	mb
Diesel Range	Organics (DRO)	ND	9.4		ma/Ka	1	5/22/2021 5:28:04	PM	60192
Motor Oil Rar	nge Organics (MRO)	ND	47		mg/Kg	1	5/22/2021 5:28:04	PM	60192
Surr: DNO	P	104	70-130		%Rec	1	5/22/2021 5:28:04	PM	60192
EPA METHO	D 8015D: GASOLINE RANGE						An	alvst:	NSB
Gasoline Rar	nge Organics (GRO)	ND	5.0		ma/Ka	1	5/25/2021 10:57:3	6 PM	60188
Surr: BFB	.go o.gamee (erre)	90.3	70-130		%Rec	1	5/25/2021 10:57:3	6 PM	60188
EPA METHO	D 8021B: VOLATILES						An	alyst:	NSB
Benzene		ND	0.025		ma/Ka	1	5/25/2021 10:57:3	6 PM	60188
Toluene		ND	0.050		mg/Kg	1	5/25/2021 10:57:3	6 PM	60188
Ethylbenzene	e	ND	0.050		mg/Kg	1	5/25/2021 10:57:3	6 PM	60188
Xylenes, Tota	al	ND	0.099		mg/Kg	1	5/25/2021 10:57:3	6 PM	60188
Surr: 4-Bro	omofluorobenzene	100	70-130		%Rec	1	5/25/2021 10:57:3	6 PM	60188
Lab ID:	2105949-026		C	Collecti	on Date	: 5/1	19/2021 12:35:00	PM	
Client Sample	e ID: TP16-13				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 300.0: ANIONS						An	alyst:	VP
Chloride		4700	150		mg/Kg	50	5/26/2021 9:40:22	PM	60262
EPA METHO	D 8015M/D: DIESEL RANGE OR	GANICS					An	alyst:	mb
Diesel Range	e Organics (DRO)	ND	9.4		ma/Ka	1	5/22/2021 5:37:58	PM	60192
Motor Oil Rar	nge Organics (MRO)	ND	47		mg/Kg	1	5/22/2021 5:37:58	PM	60192
Surr: DNO	P	103	70-130		%Rec	1	5/22/2021 5:37:58	PM	60192
EPA METHO	D 8015D: GASOLINE RANGE						An	alyst:	NSB
Gasoline Rar	nge Organics (GRO)	ND	4.7		mg/Kg	1	5/25/2021 11:21:1	5 PM	60188
Surr: BFB		91.3	70-130		%Rec	1	5/25/2021 11:21:1	5 PM	60188
EPA METHO	D 8021B: VOLATILES						An	alyst:	NSB
Benzene		ND	0.023		mg/Kg	1	5/25/2021 11:21:1	5 PM	60188
Toluene		ND	0.047		mg/Kg	1	5/25/2021 11:21:1	5 PM	60188
Ethylbenzene	2	ND	0.047		mg/Kg	1	5/25/2021 11:21:1	5 PM	60188
Xylenes, Tota	al	ND	0.094		mg/Kg	1	5/25/2021 11:21:1	5 PM	60188
Surr: 4-Bro	omofluorobenzene	100	70-130		%Rec	1	5/25/2021 11:21:1	5 PM	60188

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

* Qualifiers: Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в Е

Value above quantitation range

Analyte detected below quantitation limits J

Р Sample pH Not In Range RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order: 2105949

Date Reported:	5/28/2021

5/25/2021 11:44:57 PM 60188

CLIENT:	GHD			Ι	.ab O	Order: 2105	949	
Project:	Yates As Fee Battery							
Lab ID:	2105949-027		Coll	ection Date	: 5/1	9/2021 12:45:00	PM	
Client Sample	e ID: TP17-2	Matrix: SOIL						
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Ba	atch ID
EPA METHO	D 300.0: ANIONS					Ar	nalyst:	VP
Chloride		580	60	mg/Kg	20	5/26/2021 1:11:44	1 PM	60262
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS				Ar	alyst:	mb
Diesel Range	e Organics (DRO)	ND	10	mg/Kg	1	5/22/2021 5:47:52	2 PM	60192
Motor Oil Rai	nge Organics (MRO)	ND	50	mg/Kg	1	5/22/2021 5:47:52	2 PM	60192
Surr: DNO	P	90.7	70-130	%Rec	1	5/22/2021 5:47:52	2 PM	60192
EPA METHO	D 8015D: GASOLINE RANGE					Ar	alyst:	NSB
Gasoline Rar	nge Organics (GRO)	ND	4.6	mg/Kg	1	5/25/2021 11:44:5	57 PM	60188
Surr: BFB		88.8	70-130	%Rec	1	5/25/2021 11:44:5	57 PM	60188
EPA METHO	D 8021B: VOLATILES					Ar	alyst:	NSB
Benzene		ND	0.023	mg/Kg	1	5/25/2021 11:44:5	57 PM	60188
Toluene		ND	0.046	mg/Kg	1	5/25/2021 11:44:5	57 PM	60188
Ethylbenzene	e	ND	0.046	mg/Kg	1	5/25/2021 11:44:5	57 PM	60188
Xylenes, Tota	al	ND	0.092	mg/Kg	1	5/25/2021 11:44:5	57 PM	60188

98.0

70-130

%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

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

E Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

в

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2105949	

28-May-21

Client:	GHD				
Project:	Yates A	As Fee Battery			
Sample ID:	MB-60211	SampType: MBLK TestCode: EPA Method 30	00.0: Anions		
Client ID:	PBS	Batch ID: 60211 RunNo: 77619			
Prep Date:	5/24/2021	Analysis Date: 5/24/2021 SeqNo: 2755203 U	Inits: mg/Kg		
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit I	HighLimit %RPD RPDLimit Qual		
Chloride		ND 1.5			
Sample ID:	LCS-60211	SampType: LCS TestCode: EPA Method 30	00.0: Anions		
Client ID:	LCSS	Batch ID: 60211 RunNo: 77619			
Prep Date:	5/24/2021	Analysis Date: 5/24/2021 SeqNo: 2755204 U	Inits: mg/Kg		
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit I	HighLimit %RPD RPDLimit Qual		
Chloride		14 1.5 15.00 0 93.7 90	110		
Sample ID:	MB-60237	SampType: MBLK TestCode: EPA Method 300.0: Anions			
Client ID:	PBS	Batch ID: 60237 RunNo: 77623			
Prep Date:	5/25/2021	Analysis Date: 5/25/2021 SeqNo: 2756623 U	Inits: mg/Kg		
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit I	HighLimit %RPD RPDLimit Qual		
Chloride		ND 1.5			
Sample ID:	LCS-60237	SampType: LCS TestCode: EPA Method 30	00.0: Anions		
Client ID:	LCSS	Batch ID: 60237 RunNo: 77623			
Prep Date:	5/25/2021	Analysis Date: 5/25/2021 SeqNo: 2756624 U	Inits: mg/Kg		
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual		
Chloride		14 1.5 15.00 0 91.6 90	110		
Sample ID:	MB-60253	SampType: MBLK TestCode: EPA Method 30	00.0: Anions		
Client ID:	PBS	Batch ID: 60253 RunNo: 77623			
Prep Date:	5/25/2021	Analysis Date: 5/25/2021 SeqNo: 2756664 U	Inits: mg/Kg		
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit I	HighLimit %RPD RPDLimit Qual		
Chloride		ND 1.5			
Sample ID:	LCS-60253	SampType: LCS TestCode: EPA Method 30	00.0: Anions		
Client ID:	LCSS	Batch ID: 60253 RunNo: 77623			
Prep Date:	5/25/2021	Analysis Date: 5/25/2021 SeqNo: 2756665 U	Inits: mg/Kg		
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit I	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

- B Analyte detected in 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 Er	Hall Environmental Analysis Laboratory, Inc.								
Client: Project:	GHD Yates As	s Fee Battery							
Sample ID:	MB-60262	SampType: MBLK	TestCode: EPA Method	l 300.0: Anions					
Client ID:	PBS	Batch ID: 60262	RunNo: 77685						
Prep Date:	5/26/2021	Analysis Date: 5/26/2021	SeqNo: 2757775	Units: mg/Kg					
Analyte		Result PQL SPK val	ue SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual			
Chloride		ND 1.5							

Sample ID: LCS-60262 SampType: LCS				Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: LCSS Batch ID: 6026			262	F	RunNo: 7	7685				
Prep Date: 5/26/2021	Analysis D	ate: 5/	26/2021	S	SeqNo: 2	757776	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Qualifiers:

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

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

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GHD

Client:

Project:

Sample ID: MB-60191

Client ID: PBS

QC SUMMARY REPORT Hall Environmental Analysis Laboratory

SampType: MBLK

Batch ID: 60191

Yates As Fee Battery

, Inc.	WO#:	2105949 28-Mav-21
,		20-11 10y-21
TestCode: EPA Method 8	8015M/D: Diesel Range Organics	
RunNo: 77590		
SegNo: 2753997	Units: ma/Ka	

Prep Date: 5/21/2021	Analysis E	Date: 5/	22/2021	S	SeqNo: 2	753997	Units: mg/k	٤g		
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		128	70	130			
Sample ID: MB-60192	SampT	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batc	h ID: 60	192	F	RunNo: 7	7590				
Prep Date: 5/21/2021	Analysis E	Date: 5/	22/2021	S	SeqNo: 2	753998	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	70	130			
Sample ID: LCS-60191	SampType: LCS TestCode: EPA M					PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch ID: 60191			F	RunNo: 7	7590				
Prep Date: 5/21/2021	Analysis E	Date: 5/	22/2021	S	SeqNo: 2	754004	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	10	50.00	0	127	68.9	141			
Surr: DNOP	7.2		5.000		145	70	130			S
Sample ID: LCS-60192	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: LCSS	Batc	h ID: 60	192	F	RunNo: 7	7590				
Prep Date: 5/21/2021	Analysis E	Date: 5/	22/2021	S	SeqNo: 2	754005	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	91.4	68.9	141			
Surr: DNOP	4.3		5.000		86.9	70	130			
Sample ID: 2105949-015AMS	SampT	Гуре: М	3	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: TP8-4	Batc	h ID: 60	192	F	RunNo: 7	7590				
Prep Date: 5/21/2021	Analysis E	Date: 5/	22/2021	S	SeqNo: 2	754009	Units: mg/k	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	0.0	40.26	0	00.0	45	101			
o o ()	41	9.9	49.30	0	82.Z	15	104			

Qualifiers:

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

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

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----MOU

GHD

Client:

	WO#:	2105949
all Environmental Analysis Laboratory, Inc.		28-May-21

Project:	Yates As I	Fee Batter	ý									
Sample ID:	Sample ID: 2105949-015AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics										-	
Client ID:	TP8-4	Batch	ID: 60	192	F	RunNo: 7	7590					
Prep Date: 5/21/2021		Analysis Da	ate: 5/	/22/2021	S	SeqNo: 2	754012	Units: mg/k	٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range (Organics (DRO)	42	9.4	46.99	0	89.7	15	184	3.74	23.9		
Surr: DNOP		4.2		4.699		90.4	70	130	0	0		

Qualifiers:

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

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2105949

28-May-21

Client: GHD Project: Yates	s As Fee Battery							
Sample ID: mb-60185	SampType: MBLK	TestCode: EPA Method	EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 60185	RunNo: 77617						
Prep Date: 5/21/2021	Analysis Date: 5/24/2021	SeqNo: 2755051	SeqNo: 2755051 Units: mg/Kg					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 910 1000	91.2 70	130					
Sample ID: Ics-60185	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	e				
Client ID: LCSS	Batch ID: 60185	RunNo: 77617	-					
Prep Date: 5/21/2021	Analysis Date: 5/24/2021	SeqNo: 2755052	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 95.4 78.6	131					
Surr: BFB	1000 1000	100 70	130					
Sample ID: mb-60213	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 60213	RunNo: 77631						
Prep Date: 5/24/2021	Analysis Date: 5/25/2021	SeqNo: 2756716	Units: %Rec					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Surr: BFB	900 1000	90.4 70	130					
Sample ID: Ics-60213	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	e				
Client ID: LCSS	Batch ID: 60213	RunNo: 77631						
Prep Date: 5/24/2021	Analysis Date: 5/25/2021	SeqNo: 2756717 Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Surr: BFB	1000 1000	102 70	130					
Sample ID: mb-60188	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range	asoline Range				
Client ID: PBS	Batch ID: 60188	RunNo: 77631						
Prep Date: 5/21/2021	Analysis Date: 5/25/2021	SeqNo: 2756720	Units: mg/Kg					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 890 1000	89.0 70	130					
Sample ID: Ics-60188	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	9				
Client ID: LCSS	Batch ID: 60188	RunNo: 77631						
Prep Date: 5/21/2021	Analysis Date: 5/25/2021	SeqNo: 2756721	Units: mg/Kg					
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Gasoline Range Organics (GRO)	23 5.0 25.00	0 92.6 78.6	131					
Surr: BFB	1000 1000	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

GHD

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Released to Imaging: 9/13/2022 8:20:05 AM

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Sample Diluted Due to Matrix

PQL Practical Quanitative Limit

Not Detected at the Reporting Limit

Qualifiers: *

D

Н

ND

S

WO#:	2105949
	28-May-21

Project: Yates A	s Fee Batter	ſy									
Sample ID: 2105949-015am	2105949-015ams SampType: MS					TestCode: EPA Method 8015D: Gasoline Range					
Client ID: TP8-4	Batch	n ID: 60	188	F	RunNo: 77631						
Prep Date: 5/21/2021	Analysis D	0ate: 5/	25/2021	S	SeqNo: 2	756723	Units: mg/h	٢g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	22	4.9	24.27	0	92.2	61.3	114				
Surr: BFB	970		970.9		99.8	70	130				
Sample ID: 2105949-015am	sd SampT	ype: M S	SD	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e		
Client ID: TP8-4	Batch	n ID: 60	188	F	RunNo: 7	7631					
Prep Date: 5/21/2021	Analysis D	0ate: 5/	25/2021	5	SeqNo: 2	756724	Units: mg/h	٢g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	23	5.0	24.93	0	92.7	61.3	114	3.18	20		
Surr: BEB	000		007.0		00.4	70	120	0	0		

в Analyte detected in the associated Method Blank

Е Value above quantitation range

- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 24 of 26

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2105949

28-May-21

Client:	GHD										
Project:	Yates As	Fee Batter	ry								
Sample ID: m	b-60185	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: P	BS	Batch	n ID: 60	185	F	RunNo: 77617					
Prep Date:	5/21/2021	Analysis D)ate: 5/	24/2021	S	SeqNo: 2	755095	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-Bromofl	uorobenzene	1.0		1.000		103	70	130			
Sample ID: L	CS-60185	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: L	CSS	Batch	n ID: 60	185	F	RunNo: 7	7617				
Prep Date:	5/21/2021	Analysis D	0ate: 5/	24/2021	S	SeqNo: 27	755096	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		0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene		0.96	0.050	1.000	0	95.6	80	120			
Xylenes, Total		2.9	0.10	3.000	0	95.6	80	120			
Surr: 4-Bromofl	uorobenzene	1.0		1.000		102	70	130			
Sample ID: m	b-60213	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: P	BS	Batch	n ID: 602	213	F	RunNo: 77631					
Prep Date:	5/24/2021	Analysis D	0ate: 5/ 2	25/2021	S	SeqNo: 27	756760	Units: %Red	;		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofl	uorobenzene	1.0		1.000		102	70	130			
Sample ID: L	CS-60213	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: L	css	Batch	n ID: 602	213	F	RunNo: 7	7631				
Prep Date:	5/24/2021	Analysis D)ate: 5/	25/2021	S	SeqNo: 2	756761	Units: %Red	;		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofl	uorobenzene	1.0		1.000		102	70	130			
Sample ID: m	b-60188	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: P	BS	Batch	n ID: 60'	188	F	RunNo: 7	7631				
Prep Date:	5/21/2021	Analysis D)ate: 5/	25/2021	S	SeqNo: 2	756764	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								

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

GHD

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Yates As Fee Battery

Sample ID: mb-60188	SampT	ype: ME	BLK	Test	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batch	h ID: 60	188	R	unNo: 7	7631				
Prep Date: 5/21/2021	Analysis D	Date: 5/	25/2021	S	eqNo: 2	756764	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.6	70	130			
Sample ID: LCS-60188	SampT	ype: LC	S	Test	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batch	h ID: 60	188	R	anNo: 7	7631				
Prep Date: 5/21/2021	Analysis D	Date: 5/	25/2021	S	eqNo: 2	756765	Units: mg/#	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.0	80	120			
Toluene	0.93	0.050	1.000	0	92.6	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.0	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			
Sample ID: 2105949-016ams	SampT	Гуре: МS	6	Test	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: TP9-2	Batch	h ID: 60	188	R	unNo: 7	7631				
Prep Date: 5/21/2021	Analysis D	Date: 5/	25/2021	S	eqNo: 2	756768	Units: mg/k	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.024	0.9515	0	92.2	76.3	120			
Toluene	0.93	0.048	0.9515	0	97.7	78.5	120			
Ethylbenzene	0.92	0.048	0.9515	0	97.0	78.1	124			
Xylenes, Total	2.8	0.095	2.854	0	98.3	79.3	125			
Surr: 4-Bromofluorobenzene	0.97		0.9515		102	70	130			
Sample ID: 2105949-016amsd	I SampT	Гуре: МS	SD	Test	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: TP9-2	Batch	h ID: 60	188	R	aunNo: 7	7631				
Prep Date: 5/21/2021	Analysis D	Date: 5/	25/2021	S	eqNo: 2	756769	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.024	0.9560	0	92.0	80	120	0.292	20	
Toluene	0.93	0.048	0.9560	0	97.6	80	120	0.344	20	
Ethylbenzene	0.94	0.048	0.9560	0	98.3	80	120	1.77	20	
Xylenes, Total	2.8	0.096	2.868	0	99.0	80	120	1.17	20	
Surr: 4-Bromofluorobenzene	0.98		0.9560		102	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

WO#: **2105949**

28-May-21

ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-34 Website: cli	490 Albuquera 5-3975 FAX: ents.hallenvi	01 Haw pue, NM 505-3- ronmer	kins NE 4 87109 45-4107 ntal.com	Sar	nple Log-In Cł	neck List
Client Name: GHD	Work Order N	mber: 210	5949			RcptNo:	1
Received By: Juan Rojas	5/21/2021 7:30:0	00 AM		ifear.	all g		
Completed By: Cheyenne Cason	5/21/2021 8:24:	O AM		(lan	1		
Reviewed By: SPA 5-21-21				Cart			
Chain of Custody							
1. Is Chain of Custody complete?		Yes		No		Not Present	
2. How was the sample delivered?		Cou	rier				
Log In 3. Was an attempt made to cool the samples?		Vac		No	Ē		
		163		NO			
4. Were all samples received at a temperature of	⁵ >0° C to 6.0°C	Yes	~	No			
5. Sample(s) in proper container(s)?		Yes	~	No			
6. Sufficient sample volume for indicated test(s)?		Yes		No			
7. Are samples (except VOA and ONG) properly	preserved?	Yes	\checkmark	No			
8. Was preservative added to bottles?		Yes		No	\checkmark	NA 🗌	
9. Received at least 1 vial with headspace <1/4" f	or AQ VOA?	Yes		No		NA 🔽	
10. Were any sample containers received broken?	2	Yes		No		# of preserved	10
11. Does paperwork match bottle labels?		Yes	~	No		for pH:	5.21.21
(Note discrepancies on chain of custody)						(<2 or >	12 unless noted)
12. Are matrices correctly identified on Chain of Cu	ustody?	Yes	~	No		Adjusted?	
3. Is it clear what analyses were requested?		Yes	~	No			
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No		Checked by:	
Special Handling (if applicable)							
15. Was client notified of all discrepancies with thi	s order?	Yes		No		NA 🔽	
Person Notified:	Da	te:					
By Whom:	Via	a: 🗌 eMa	ail 🗌	Phone] Fax	In Person	
Regarding:					-541		
Client Instructions:							
16. Additional remarks:							
17. <u>Cooler Information</u> Cooler No Temp ºC Condition Sea	I Intact Seal No	Seal D	ate	Signed	Ву		

Page 1 of 1

Chain-of-Cust	ody Record	Turn-Around Time:	<	I of 3	Recei
Client: CHO		🕁 🖞 🗆 🛛 🖓	Rush Sag	ANALLENVIKONN ANALYSTS LABO	MENIAL RATORV
		Project Name:	Q	www hallenvironmental com	y 00
Mailing Address:		the AS A	te Better	4901 Hawkins NE - Albuquerque, NM 87	CD: 5
324W Male St. S. Le 108	8 Artesle NNI 88210	Project #:	0	Tel. 505-345-3975 Fax 505-345-4107	/27/2 20
Phone #: (505) 377.	- 4218	11228401		Analysis Request	2022
email or Fax#: Geck, Hesh	kell@ CHD.colu	Project Manager:	0		2:5 Q(
0A/OC Package: Churce - Sel	HIL Convertines con-	Town Les	ckell	EDCB, ² ED ⁴⁺ 20 SIMS) (Gas or (Gas or	6:23 P)
Accreditation		Sampler: Zech 2	Churles	1PH 3, NO ₂ , 4,1) 5,270 5 4,1) 5,270 5 4,1) 5,052 5,055 5,0) (N
□ EDD (Tvne)		Sample Temperature:	60. a 25ml	<pre>AO/\OPY</pre>	N or
			0.4.0.4-0.	ATB ATB (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	() SE
Date Time Matrix S	Sample Request ID	Container Preservi Type and # Type	ative HEAL No.	TEX + <i>N</i> TEX + <i>N</i> PH 8019 PH (Met DB (Met DB (Met PH's (83 PH's	Cloviz Piddua
r S. S. S.	C-101	F	2105444	ав (1) (1) (1) (1) (1) (1) (1) (1)	IA I
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040	TDS-4		608		
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Date: Time: Relinquished by.	11 .	Received by:	Date Time	Remarks: Please away to Zech. comp	NO CHIDICON
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If necessary, samples submitted	to Hall Environmental may be subco	intracted to other accredited labor	pratories. This serves as notice of this	s possibility. Any sub-contracted data will be clearly notated on the and	244

Received	by O	C D: 5	/27/2	2022	2:5	6:23 P	M (N	oL	٨)	Air Bubbles					1-1						1		5	Page	82 oj	544
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July 19, 2021

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

RE: Yates AS Fee Battery

OrderNo.: 2107284

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 16 sample(s) on 7/8/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis La	boratory,	Inc.			A L D	ab Order: 2 ate Reporte	Report 107284 d: 7/19/20	21
CLIENT:GHD MidlandProject:Yates AS Fee Battery				L	ab O	order:	2107284	
Lab ID: 2107284-001		C	ollecti	on Date	: 7/6	6/2021 9:35	:00 AM	
Client Sample ID: TP2-13				Matrix	: SO	IL		
Analyses	Result	RL	Qual	Units	DF	Date Ana	lyzed l	Batch ID
EPA METHOD 300.0: ANIONS							Analys	st: VP
Chloride	5400	300		mg/Kg	100	7/14/2021	1:18:15 AN	61256
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analys	st: SB
Diesel Range Organics (DRO)	1000	94		mg/Kg	10	7/12/2021	10:25:39 A	M 61226
Motor Oil Range Organics (MRO)	540	470		mg/Kg	10	7/12/2021	10:25:39 A	M 61226
Surr: DNOP	0	70-130	S	%Rec	10	7/12/2021	10:25:39 A	M 61226
EPA METHOD 8015D: GASOLINE RANGE							Analys	st: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/12/2021	4:06:00 PM	61201
Surr: BFB	157	70-130	S	%Rec	5	7/12/2021	4:06:00 PN	61201
EPA METHOD 8021B: VOLATILES							Analys	st: mb
Benzene	ND	0.12		mg/Kg	5	7/12/2021	4:06:00 PN	61201
l oluene	ND	0.24		mg/Kg	5	7/12/2021	4:06:00 PM	61201
Xvlenes, Total	ND	0.24		ma/Ka	5	7/12/2021	4:06:00 PM	61201
Surr: 4-Bromofluorobenzene	127	70-130		%Rec	5	7/12/2021	4:06:00 PN	61201
Lab ID: 2107284-002		С	ollecti	on Date	: 7/6	5/2021 9:45	5:00 AM	
Client Sample ID: TP2-16				Matrix	: SO	IL		
Analyses	Result	RL	Qual	Units	DF	Date Ana	lyzed l	Batch ID
EPA METHOD 300.0: ANIONS							Analys	st: VP
Chloride	9100	300		mg/Kg	100	7/14/2021	1:30:39 AM	61256
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analys	st: SB
Diesel Range Organics (DRO)	840	95		mg/Kg	10	7/12/2021	2:02:26 PN	61226
Motor Oil Range Organics (MRO)	580	470		mg/Kg	10	7/12/2021	2:02:26 PM	61226
Surr: DNOP	0	70-130	S	%Rec	10	7/12/2021	2:02:26 PM	61226
EPA METHOD 8015D: GASOLINE RANGE							Analys	st: mb
Gasoline Range Organics (GRO)	140	24	c	mg/Kg % ₽००	5 F	7/12/2021	4:46:00 PM	61201
	203	10-130	3	/ortec	5	1/12/2021	4.40.00 PW	
EPA METHOD 8021B: VOLATILES		0.45			~	7/10/2022	Analys	
Denzene	UN DIN	0.12		mg/Kg mg/Kg	5 5	7/12/2021	4:40:00 PM	i 61201
Ethylbenzene	2.4	0.24		mg/Kg	5	7/12/2021	4:46:00 PM	61201
Xylenes, Total	4.4	0.47		mg/Kg	5	7/12/2021	4:46:00 PM	61201
Surr: 4-Bromofluorobenzene	182	70-130	S	%Rec	5	7/12/2021	4:46:00 PM	61201
Refer to the QC Summary report and san	nple login chec	klist for fla	gged (QC data a	and p	reservation	informati	on.

* Value exceeds Maximum Contaminant Level. Qualifiers:

 D
 Sample Diluted Due to Matrix

 H
 Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank В

Е Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р

RL Reporting Limit

Page 1 of 17

Hall Environmental Analysis La	aboratory,	Inc.			A L D	ab Order: 2 ate Reported	Report 107284 d: 7/19/20)21
CLIENT:GHD MidlandProject:Yates AS Fee Battery				L	.ab O	order:	2107284	1
Lab ID: 2107284-003		C	Collecti	on Date Matrix	: 7/6	5/2021 9:55 H	:00 AM	
Analyses	Result	RL	Qual	Units	. 50 DF	Date Ana	lyzed 1	Batch ID
EPA METHOD 300.0: ANIONS							Analy	st: VP
Chloride	7400	300		mg/Kg	100	7/14/2021	1:43:03 AN	61256
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analy	st: SB
Diesel Range Organics (DRO)	1200	91		mg/Kg	10	7/12/2021	2:26:59 PN	1 61226
Motor Oil Range Organics (MRO)	690	450		mg/Kg	10	7/12/2021	2:26:59 PN	61226
Surr: DNOP	0	70-130	S	%Rec	10	7/12/2021	2:26:59 PN	1 61226
EPA METHOD 8015D: GASOLINE RANGE							Analy	st: mb
Gasoline Range Organics (GRO)	93	24		mg/Kg	5	7/12/2021	5:06:00 PN	61201
Surr: BFB	323	70-130	S	%Rec	5	7/12/2021	5:06:00 PN	1 61201
EPA METHOD 8021B: VOLATILES							Analy	st: mb
Benzene	ND	0.12		mg/Kg	5	7/12/2021	5:06:00 PN	1 61201
Toluene	ND	0.24		mg/Kg	5	7/12/2021	5:06:00 PN	1 61201
Ethylbenzene	1.7	0.24		mg/Kg	5	7/12/2021	5:06:00 PN	61201

2.2

169

0.48

s

70-130

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

Analyte detected in the associated Method Blank

J Analyte detected below quantitation limits

mg/Kg

%Rec

5

5

7/12/2021 5:06:00 PM

7/12/2021 5:06:00 PM

61201

61201

P Sample pH Not In Range

RL Reporting Limit

в

Page 2 of 17

Hall Environmental Ana	alysis Laboratory,	Inc.		A L E	Analytical Report ab Order: 2107284 Date Reported: 7/19/20	21
CLIENT:GHD MidlandProject:Yates AS Fee Ba	ittery		L	ab C	Order: 2107284	ŀ
Lab ID: 2107284-004		Co	ollection Date	: 7/6	5/2021 10:20:00 AM	
Client Sample ID: TP3-16			Matrix	: SC	DIL	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	1200	60	mg/Kg	20	7/13/2021 11:27:04 A	M 61256
EPA METHOD 8015M/D: DIESEL	RANGE ORGANICS				Analys	st: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/12/2021 11:37:13 A	M 61226
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/12/2021 11:37:13 A	M 61226
Surr: DNOP	70.8	70-130	%Rec	1	7/12/2021 11:37:13 A	M 61226
EPA METHOD 8015D: GASOLINE	RANGE				Analys	st: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/12/2021 5:46:00 PM	61201
Surr: BFB	115	70-130	%Rec	1	7/12/2021 5:46:00 PM	61201
EPA METHOD 8021B: VOLATILE	S				Analys	st: mb
Benzene	ND	0.024	mg/Kg	1	7/12/2021 5:46:00 PM	1 61201
Toluene	ND	0.047	mg/Kg	1	7/12/2021 5:46:00 PN	1 61201
Ethylbenzene	ND	0.047	mg/Kg	1	7/12/2021 5:46:00 PN	61201
Xylenes, Total	ND	0.095	mg/Kg	1	7/12/2021 5:46:00 PN	1 61201
Surr: 4-Bromofluorobenzene	115	70-130	%Rec	1	7/12/2021 5:46:00 PM	1 61201
Lab ID: 2107284-005		Co	ollection Date	: 7/6	5/2021 10:30:00 AM	
Client Sample ID: TP3-20			Matrix	: SC	DIL	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	1900	60	mg/Kg	20	7/16/2021 8:48:49 AN	1 61363

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

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix s

Analyte detected in the associated Method Blank Е Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р

RL Reporting Limit

в

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boratory,	Inc.			A L E	Analytical Report ab Order: 2107284 Date Reported: 7/19/	2021	1
			I	.ab C)rder: 21072	84	
	C	ollecti	on Date	e: 7/6	5/2021 10:50:00 AN	M	
			Matrix	s: SC	DIL		
Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
					Ana	lyst:	VP
920	60		mg/Kg	20	7/13/2021 11:39:28	AM	61256
GANICS					Ana	lvst:	SB
79	18		ma/Ka	2	7/13/2021 1.52.49	PM	61231
150	91		ma/Ka	2	7/13/2021 1:52:49	PM	61231
103	70-130		%Rec	2	7/13/2021 1:52:49	PM	61231
					Ana	lvst.	CCM
	10		ma/Ka	1	7/10/2021 6:42:00		61200
106	70-130		%Rec	1	7/10/2021 6:42:00	PM	61209
					Ana	lvst:	ССМ
ND	0 025		ma/Ka	1	7/10/2021 6:42:00		61209
ND	0.049		ma/Ka	1	7/10/2021 6:42:00	РМ	61209
ND	0.049		ma/Ka	1	7/10/2021 6:42:00	РМ	61209
ND	0.099		mg/Kg	1	7/10/2021 6:42:00	PM	61209
94.6	70-130		%Rec	1	7/10/2021 6:42:00	PM	61209
	C	ollecti	on Date	e: 7/6	5/2021 12:40:00 PN	Л	
			Matrix	s: SC	DIL		
Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
					Ana	lvst.	VP
1700	60		ma/Ka	20	7/13/2021 11:51:52	AM	61256
GANICS					Δna	lvet.	SB
	03		ma/Ka	1	7/13/2021 3:34:46	пуЗt. DN/	61231
	9.3 47		mg/Kg	1	7/13/2021 3:34:40	PM	61231
83.9	70-130		%Rec	1	7/13/2021 3:34:46	PM	61231
					Ana	lvst:	CCM
	18		ma/Ka	1	7/10/2021 7:42:00	луса. DN/	61200
102	70-130		%Rec	1	7/10/2021 7:42:00	PM	61209
-					Ana	lyst:	ССМ
ND	0 024		ma/Ka	1	7/10/2021 7:42:00	, РМ	61209
ND	0.024		ma/Ka	' 1	7/10/2021 7:42:001	PM	61209
	0.040		ma/Ka	1	7/10/2021 7:42:00	РМ	61209
INI J	0.040		1110/1333				
ND	0.048		mg/Ka	1	7/10/2021 7:42:00	PM	61209
	boratory, Result 920 GANICS 79 150 103 ND 106 ND ND 04.6 Result 1700 GANICS ND ND 83.9 ND 102 ND ND 102 ND ND 102 ND ND	boratory, Inc. C C Result RESUL P P P P P P P P P P P P P P P P P P P	Boratory, Inc. Collection Result RL Qual 920 60 GANICS 920 60 79 18 150 91 103 70-130 100 100 ND 4.9 106 70-130 ND 0.025 ND 0.049 ND 0.049 ND 0.099 94.6 70-130 Collection Result RL Qual 1700 60 60 GANICS 9.3 70-130 ND 9.3 9.3 ND 47 83.9 ND 47 83.9 ND 47 83.9 ND 4.8 102 ND 0.024 ND ND 0.048 ND	boratory, Inc. I	boratory, Inc. I Lab C Collection Date: 7/6 Matrix: SC Result RL Qual Units DF 920 60 mg/Kg 20 GANICS 79 18 mg/Kg 2 150 91 mg/Kg 2 103 70-130 %Rec 1 ND 4.9 mg/Kg 1 106 70-130 %Rec 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.099 mg/Kg 1 ND 0.099 mg/Kg 1 ND 0.099 mg/Kg 1 ND 9.3 mg/Kg 1 ND 9.3 mg/Kg 1 ND 9.3 mg/Kg 1	Analytical Report Lab Order: 2107284 Date Reported: 7/19/ Lab Order: 2107284 Date Reported: 7/19/ Lab Order: 210728 Lab Order: 210728 Collection Date: 7/6/2021 10:50:00 Al Matrix: SOIL Result RI Quad Units DF Date Analyzed Ana 920 60 mg/Kg 2 7/13/2021 1:52:49 GANICS Ana 79 18 <mg kg<="" mg="" th=""> 7/13/2021 1:52:49 103 70-130 %Rec 2 7/13/2021 1:52:49 Ana 79 18<mg kg<="" mg="" th=""> 7/13/2021 1:52:49 Ana 79 9 79 9 719 Mg/Kg 7/13/2021 1:52:49 Mg/Kg 7/13/2021 1:52:49 Mg/Kg 7/10/2021 6:42:001</mg></mg>	Analytical Report Lab Order: 2107284 Date Reported: 7/19/2023 Lab Order: 2107284 Lab Order: 2107284 Lab Order: 2107284 Collection Date: 7/6/2021 10:50:00 AM Matrix: SUL Result RL Qual Units DF Date Analyzed Ba 920 G0 mg/Kg 20 7/13/2021 1:52:49 PM Analyst: 920 G0 mg/Kg 2 7/13/2021 1:52:49 PM Gamg/Kg 2 7/13/2021 1:52:49 PM Analyst: 79 18 <mg 2<="" kg="" mg="" th=""> 7/13/2021 1:52:49 PM 106 9 Analyst: ND 4.9 Mg/Kg 1 7/10/2021 6:42:00 PM ND 0.025<mg 1<="" kg="" mg="" th=""> 7/10/2021 6:42:00 PM ND 0.025<mg 1<="" kg="" mg="" th=""> 7/10/2021 6:42:00 PM <th colspan="</td></mg></mg></mg>

Qualifiers: * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to MatrixH Holding times for preparation or analysis

HHolding times for preparation or analysis exceededNDNot 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 Enviro	nmental Analysis I	aboratory, In-	с.			A L D	Analytical Report ab Order: 2107284 Date Reported: 7/19	0/202	1
CLIENT: Project:	GHD Midland Yates AS Fee Battery				L	ab C	Order: 21072	284	
Lab ID:	2107284-008		C	Collecti	on Date	: 7/6	5/2021 12:50:00 P	М	
Client Sample ID	: TP1-20				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 30 Chloride	00.0: ANIONS	1300	61		mg/Kg	20	An 7/16/2021 9:01:13	alyst: AM	: VP 61363
Lab ID:	2107284-009		C	Collecti	on Date	: 7/6	5/2021 1:25:00 PN	1	
Client Sample ID	: TP5-8				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 30	00.0: ANIONS						An	alyst	: VP
Chloride		860	59		mg/Kg	20	7/13/2021 12:04:1	6 PM	61256
EPA METHOD 80	015M/D: DIESEL RANGE C	RGANICS					An	alyst:	SB
Diesel Range Org	anics (DRO)	ND	8.9		mg/Kg	1	7/13/2021 3:47:10	PM	61231
Motor Oil Range	Organics (MRO)	ND	44		mg/Kg	1	7/13/2021 3:47:10	PM	61231
Surr: DNOP		83.0	70-130		%Rec	1	7/13/2021 3:47:10	PM	61231
EPA METHOD 80	15D: GASOLINE RANGE						An	alyst:	CCM
Gasoline Range (Drganics (GRO)	ND	4.7		mg/Kg	1	7/10/2021 8:42:00	PM	61209
Surr: BFB		91.3	70-130		%Rec	1	7/10/2021 8:42:00	PM	61209
EPA METHOD 80	21B: VOLATILES						An	alyst	CCM
Benzene		ND	0.023		mg/Kg	1	7/10/2021 8:42:00	PM	61209
Toluene		ND	0.047		mg/Kg	1	7/10/2021 8:42:00	PM	61209
Ethylbenzene		ND	0.047		mg/Kg	1	7/10/2021 8:42:00	PM	61209
Xylenes, Total		ND	0.094		mg/Kg	1	7/10/2021 8:42:00	PM	61209
Surr: 4-Bromof	luorobenzene	90.4	70-130		%Rec	1	7/10/2021 8:42:00	PM	61209

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

Analyte detected in the associated Method Blank

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

в

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Hall Environmental Analysis La	boratory,	Inc.			A L L	ab Order: 2107284 Date Reported: 7/19	/2021	
CLIENT:GHD MidlandProject:Yates AS Fee Battery				L	ab C	Prder: 21072	284	
Lab ID: 2107284-010		С	ollecti	on Date	: 7/6	5/2021 2:00:00 PM	[
Client Sample ID: TP5-10				Matrix	: SC	IL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	ID
EPA METHOD 300.0: ANIONS						Ana	alyst: VP	1
Chloride	640	61		mg/Kg	20	7/13/2021 12:16:40) PM 612	256
EPA METHOD 8015M/D: DIESEL RANGE ORC	JANICS					Ana	alvst: SB	
Diesel Range Organics (DRO)	ND	9.0		ma/Ka	1	7/13/2021 3:59:43	PM 612	231
Motor Oil Range Organics (MRO)	ND	45		ma/Ka	1	7/13/2021 3:59:43	PM 612	231
Surr: DNOP	82.1	70-130		%Rec	1	7/13/2021 3:59:43	PM 612	231
EPA METHOD 8015D: GASOLINE RANGE						Ana	alvst: CC	:м
Gasoline Range Organics (GRO)	ND	47		ma/Ka	1	7/10/2021 9.02.00	PM 612	209
Surr: BFB	95.1	70-130		%Rec	1	7/10/2021 9:02:00	PM 612	209
EPA METHOD 8021B: VOLATILES						Ana	alyst: CC	M
Benzene	ND	0.024		ma/Ka	1	7/10/2021 9:02:00	PM 612	209
Toluene	ND	0.047		ma/Ka	1	7/10/2021 9:02:00	PM 612	209
Ethylbenzene	ND	0.047		mg/Kg	1	7/10/2021 9:02:00	PM 612	209
Xylenes, Total	ND	0.094		mg/Kg	1	7/10/2021 9:02:00	PM 612	209
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	7/10/2021 9:02:00	PM 612	209
Lab ID: 2107284-011		С	ollecti	on Date	: 7/6	5/2021 2:15:00 PM	[
Client Sample ID: TP4-6				Matrix	: SC	IL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	ID
EPA METHOD 300.0: ANIONS						Ana	alyst: VP	I
Chloride	ND	60		mg/Kg	20	7/13/2021 12:29:04	1 PM 612	256
EPA METHOD 8015M/D: DIESEL RANGE ORG	JANICS					Ana	alyst: SB	5
Diesel Range Organics (DRO)	9.8	9.5		mg/Kg	1	7/13/2021 1:28:56	PM 612	231
Motor Oil Range Organics (MRO)	53	47		mg/Kg	1	7/13/2021 1:28:56	PM 612	231
Surr: DNOP	96.8	70-130		%Rec	1	7/13/2021 1:28:56	PM 612	231
EPA METHOD 8015D: GASOLINE RANGE						Ana	alyst: CC	ж
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/10/2021 9:21:00	PM 612	209
Surr: BFB	99.2	70-130		%Rec	1	7/10/2021 9:21:00	PM 612	209
EPA METHOD 8021B: VOLATILES						Ana	alyst: CC	M
Benzene	ND	0.025		mg/Kg	1	7/10/2021 9:21:00	PM 612	209
Toluene	ND	0.050		mg/Kg	1	7/10/2021 9:21:00	PM 612	209
Ethylbenzene	ND	0.050		mg/Kg	1	7/10/2021 9:21:00	PM 612	209
Xylenes, Total	ND	0.10		mg/Kg	1	7/10/2021 9:21:00	PM 612	209
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	7/10/2021 9:21:00	PM 612	209
Refer to the QC Summary report and sam	ple login chec	klist for fla	gged Q	QC data	and p	reservation inform	ation.	

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank В Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р RL Reporting Limit

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Hall Envi	ronmental Analysis L	aboratory,	Inc.			A L L	Analytical Report Lab Order: 2107284 Date Reported: 7/19)/202]	l
CLIENT:	GHD Midland				L	.ab C	Order: 21072	284	
Project:	Yates AS Fee Battery								
Lab ID:	2107284-012		С	ollecti	on Date	: 7/6	5/2021 2:30:00 PN	ſ	
Client Sample	e ID: TP4-12				Matrix	: SC	NL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 300.0: ANIONS						An	alyst:	VP
Chloride		650	60		mg/Kg	20	7/13/2021 1:06:18	PM	61256
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS					An	alvst:	SB
Diesel Range	Organics (DRO)	170	19		ma/Ka	2	7/13/2021 2:40:42	PM	61231
Motor Oil Rar	nge Organics (MRO)	330	93		mg/Kg	2	7/13/2021 2:40:42	PM	61231
Surr: DNO	P	101	70-130		%Rec	2	7/13/2021 2:40:42	PM	61231
EPA METHO	D 8015D: GASOLINE RANGE						An	alyst:	ССМ
Gasoline Ran	nge Organics (GRO)	ND	4.7		mg/Kg	1	7/10/2021 9:41:00	PM	61209
Surr: BFB		95.3	70-130		%Rec	1	7/10/2021 9:41:00	PM	61209
EPA METHO	D 8021B: VOLATILES						An	alyst:	ССМ
Benzene		ND	0.023		mg/Kg	1	7/10/2021 9:41:00	PM	61209
Toluene		ND	0.047		mg/Kg	1	7/10/2021 9:41:00	PM	61209
Ethylbenzene	9	ND	0.047		mg/Kg	1	7/10/2021 9:41:00	PM	61209
Xylenes, Tota	al	ND	0.093		mg/Kg	1	7/10/2021 9:41:00	PM	61209
Surr: 4-Bro	omofluorobenzene	90.5	70-130		%Rec	1	7/10/2021 9:41:00	PM	61209
Lab ID:	2107284-013		C	ollecti	on Date	: 7/6	5/2021 2:40:00 PM	1	
Client Sample	e ID: TP4-14				Matrix	: SC	NL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 300.0: ANIONS						An	alyst:	VP
Chloride		570	60		mg/Kg	20	7/16/2021 9:13:38	AM	61363
EPA METHO	D 8015D MOD: GASOLINE RA	NGE					An	alvst:	JMR
Gasoline Ran	nge Organics (GRO)	ND	4.9		ma/Ka	1	7/16/2021 1:34:03	PM	61329
Surr: BFB	J J - ()	95.3	70-130		%Rec	1	7/16/2021 1:34:03	PM	61329
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS					An	alyst:	SB
Diesel Rande	Organics (DRO)	ND	8.8		mg/Ka	1	7/16/2021 3:43:35	PM	61352
Motor Oil Rar	nge Organics (MRO)	ND	44		mg/Kg	1	7/16/2021 3:43:35	PM	61352
Surr: DNO	P	110	70-130		%Rec	1	7/16/2021 3:43:35	PM	61352

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

Qualifiers:

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

E Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis La	aboratory,	Inc.			Analytical Report Lab Order: 2107284 Date Reported: 7/19/2021					
CLIENT:GHD MidlandProject:Yates AS Fee Battery				Ι	.ab C	Order: 2107	284			
Lab ID: 2107284-014		C	ollecti	on Date	e: 7/6	5/2021 3:30:00 PN	1			
Client Sample ID: TP6-12				Matrix	s: SC	DIL				
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID		
EPA METHOD 300.0: ANIONS						An	alyst:	: VP		
Chloride	1200	60		ma/Ka	20	7/13/2021 1:18:42	PM	61256		
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS			5 5	-	Δn	alvet	SB		
Diesel Range Organics (DRO)		0.1		ma/Ka	1	7/13/2021 4:12:10		61231		
Motor Oil Range Organics (MRO)	ND	46		ma/Ka	1	7/13/2021 4:12:10	PM	61231		
Surr: DNOP	82.1	70-130		%Rec	1	7/13/2021 4:12:10	PM	61231		
EPA METHOD 8015D: GASOLINE RANGE						Δn	alvet	CCM		
Gasoline Range Organics (GRO)	ND	4 9		ma/Ka	1	7/10/2021 10:01:0		61209		
Surr: BFB	95.9	70-130		%Rec	1	7/10/2021 10:01:0	0 PM	61209		
EPA METHOD 8021B: VOLATILES						An	alvst	CCM		
Banzana	ND	0.025		ma/Ka	1	7/10/2021 10:01:0		61209		
Toluene	ND	0.023		ma/Ka	1	7/10/2021 10:01:0		61209		
Ethylbenzene	ND	0.049		ma/Ka	1	7/10/2021 10:01:0	0 PM	61209		
Xvlenes. Total	ND	0.098		ma/Ka	1	7/10/2021 10:01:0	0 PM	61209		
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	7/10/2021 10:01:0	0 PM	61209		
Lab ID: 2107284-015		C	ollecti	on Date	e: 7/6	5/2021 3:45:00 PN	1			
Client Sample ID: TP6-14				Matrix	s: SC	DIL				
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID		
EPA METHOD 300.0: ANIONS						An	alyst:	: VP		
Chloride	700	60		mg/Kg	20	7/13/2021 1:31:06	PM	61256		
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS					An	alvst:	SB		
Diesel Range Organics (DRO)	ND	8.4		ma/Ka	1	7/13/2021 4:24:43	PM	61231		
Motor Oil Range Organics (MRO)	ND	42		ma/Ka	1	7/13/2021 4:24:43	PM	61231		
Surr: DNOP	82.7	70-130		%Rec	1	7/13/2021 4:24:43	PM	61231		
EPA METHOD 8015D: GASOLINE RANGE						An	alyst:	ссм		
Gasoline Range Organics (GRO)	ND	4.7		ma/Ka	1	7/10/2021 10:21:0	0 PM	61209		
Surr: BFB	99.6	70-130		%Rec	1	7/10/2021 10:21:0	0 PM	61209		
EPA METHOD 8021B: VOLATILES						An	alyst:	CCM		
Benzene	ND	0.024		ma/Ka	1	7/10/2021 10:21:0	0 PM	61209		
Toluene	ND	0.047		ma/Ka	1	7/10/2021 10:21:0	0 PM	61209		
Ethylbenzene	ND	0.047		mg/Kg	1	7/10/2021 10:21:0	0 PM	61209		
Xylenes, Total	ND	0.095		mg/Kg	1	7/10/2021 10:21:0	0 PM	61209		
				-						

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р RL Reporting Limit

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Hall Envir	onmental Analysis L	aboratory, Inc	•			A I I	Analytical Lab Order: 2 Date Report	Report 2107284 ed: 7/19/2	2021
CLIENT: Project:	GHD Midland Yates AS Fee Battery				Ι	.ab C	Order:	210728	4
Lab ID: Client Sample I	2107284-016 ID: TP6-15		C	Collecti	ion Date Matrix	e: 7/6 x: SC	5/2021 4:0 DIL	0:00 PM	
Analyses		Result	RL	Qual	Units	DF	Date Ana	alyzed	Batch ID
EPA METHOD Chloride	300.0: ANIONS	590	60		mg/Kg	20	7/16/2021	Analy 1 9:26:03 A ⁱ	yst: VP M 61363

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

Qualifiers:

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

E Value above quantitation range

Analyte detected in the associated Method Blank

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

в

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	WO#:	2107284
Iall Environmental Analysis Laboratory, Inc.		19-Jul-21
	-	

Client:	GHD M	idland								
Project:	Yates As	S Fee Battery								
Sample ID:	MB-61256	SampType: M I	BLK	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch ID: 61	256	F	RunNo: 79	9769				
Prep Date:	7/13/2021	Analysis Date: 7	/13/2021	S	SeqNo: 28	806149	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-61256	SampType: LC	s	Tes	tCode: EF	PA Method	300.0: Anion	S		
Client ID:	LCSS	Batch ID: 61	256	F	RunNo: 7 9	9769				
Prep Date:	7/13/2021	Analysis Date: 7/	13/2021	S	SeqNo: 28	806150	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	91.7	90	110			
Sample ID:	MB-61363	SampType: M	BLK	Tes	tCode: EF	PA Method	300.0: Anion	S		
Client ID:	PBS	Batch ID: 61	363	F	RunNo: 7 9	9843				
Prep Date:	7/16/2021	Analysis Date: 7/	16/2021	S	SeqNo: 28	809981	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-61363	SampType: LC	s	Tes	tCode: EF	PA Method	300.0: Anion	S		
Client ID:	LCSS	Batch ID: 61	363	F	RunNo: 7 9	9843				
Prep Date:	7/16/2021	Analysis Date: 7	/16/2021	S	SeqNo: 28	809982	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	96.1	90	110			

Qualifiers:

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

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

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OC SUMMARY REPORT F

	WO#:	2107284
Hall Environmental Analysis Laboratory, Inc.		19-Jul-21

Client: GHD M Project: Yates A	lidland S Fee Battery		
Sample ID: MB-61226	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 61226	RunNo: 79729	
Prep Date: 7/10/2021	Analysis Date: 7/12/2021	SeqNo: 2804391	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	9.2 10.00	91.8 70	130
Sample ID: LCS-61226	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 61226	RunNo: 79729	
Prep Date: 7/10/2021	Analysis Date: 7/12/2021	SeqNo: 2804392	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	44 10 50.00	0 88.6 68.9	141
Surr: DNOP	4.9 5.000	97.2 70	130
Sample ID: LCS-61231	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 61231	RunNo: 79755	
Prep Date: 7/12/2021	Analysis Date: 7/13/2021	SeqNo: 2806342	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	44 10 50.00	0 87.8 68.9	141
Surr: DNOP	4.2 5.000	83.9 70	130
Sample ID: MB-61231	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 61231	RunNo: 79755	
Prep Date: 7/12/2021	Analysis Date: 7/13/2021	SeqNo: 2806418	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	8.1 10.00	81.3 70	130
Sample ID: MB-61352	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 61352	RunNo: 79858	
Prep Date: 7/15/2021	Analysis Date: 7/16/2021	SeqNo: 2809430	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10		
Motor Oil Range Organics (MRO)	ND 50		
Surr: DNOP	13 10.00	126 70	130

Qualifiers:

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

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

Client: GHD	Midland									
Project: Yate	s AS Fee Battery									
Sample ID: LCS-61352	SampTyp	e: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch I	D: 61	352	F	RunNo: 7	9858				
Prep Date: 7/15/2021	Analysis Dat	e: 7/	16/2021	5	SeqNo: 2	809432	Units: mg/K	íg		
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	141			
Surr: DNOP	5.5		5.000		109	70	130			

Qualifiers:

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- H Holding times for preparation or analysis exceeded
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- PQL Practical Quanitative Limit
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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19-Jul-21

WO#:

GHD Midland

Yates AS Fee Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

				WO#:	2107284
					19-Jul-21
de: EF	PA Method	8015D: Gaso	line Rang	e	
No: 79	9700		-		
No: 28	802976	Units: mg/K	g		
REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
98.2	78.6	131			

Sample ID:	lcs-61201	SampType	e: LC	S	Test	Code: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch ID): 61	201	R	unNo: 7	9700				
Prep Date:	7/8/2021	Analysis Date	: 7 /	9/2021	S	eqNo: 2	802976	Units: mg/k	٢g		
Analyte		Result F	٧QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	5.0	25.00	0	98.2	78.6	131			
Surr: BFB		1100	_	1000		109	70	130			
Sample ID:	mb-61201	SampType	e: MR	BLK	Test	Code: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	PBS	Batch ID): 61	201	R	unNo: 7	9700				
Prep Date:	7/8/2021	Analysis Date): 7/	9/2021	S	eqNo: 2	802977	Units: mg/k	٢g		
Analyte		Result F	۷QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	ND	5.0								
Surr: BFB		980		1000		97.5	70	130			
Sample ID:	lcs-61209	SampType	e: LC	s	Test	Code: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	LCSS	Batch ID): 61	209	R	unNo: 7	9701				
Prep Date:	7/9/2021	Analysis Date): 7 /	10/2021	S	eqNo: 2	803671	Units: mg/k	٢g		
Analyte		Result F	۷QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB		1100		1000		113	70	130			
Sample ID:	2107284-006ams	SampType	э: М	6	Test	Code: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	TP1-10	Batch ID): 61	209	R	unNo: 7	9701				
Prep Date:	7/9/2021	Analysis Date): 7 /	10/2021	S	eqNo: 2	803672	Units: mg/h	٢g		
Analyte		Result F	٧QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	28	5.0	24.98	0	114	61.3	114			
Surr: BFB		1200		999.0		122	70	130			
Sample ID:	2107284-006amsd	SampType	ə: MS	SD	Test	Code: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID:	TP1-10	Batch ID): 61	209	R	unNo: 7	9701				
Prep Date:	7/9/2021	Analysis Date	: 7 /	10/2021	S	eqNo: 2	803673	Units: mg/k	٢g		
Analyte		Result F	۷QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	22	4.7	23.58	0	95.2	61.3	114	23.5	20	R
Surr: BFB		1100		943.4		113	70	130	0	0	
Sample ID:	mb-61209	SampType	e: MI	BLK	Test	Code: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch ID): 61	209	R	unNo: 7	9701				
Prep Date:	7/9/2021	Analysis Date	»: 7/	10/2021	S	eqNo: 2	803674	Units: mg/k	٢g		
Analyte		Result F	۷QL	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

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

RL Reporting Limit

2107284 19-Jul-21

WO#:

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

Client: GH Project: Yat	D Midland es AS Fee Batte	ery								
Sample ID: mb-61209	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batc	h ID: 61	209	R	lunNo: 7	9701				
Prep Date: 7/9/2021	Analysis [Date: 7/	10/2021	S	eqNo: 2	803674	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GR	D) ND	5.0								
Surr: BFB	990		1000		99.3	70	130			

Qualifiers:

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

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

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GHD Midland

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Project: Yates	AS Fee Batte	ery								
Sample ID: Ics-61201	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 61	201	RunNo: 79700						
Prep Date: 7/8/2021	Analysis [Date: 7/	9/2021	S	SeqNo: 2	803024	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.4	80	120			
Toluene	0.99	0.050	1.000	0	99.2	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		92.9	70	130			
Sample ID: mb-61201	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 61	201	F	RunNo: 7	9700				
Prep Date: 7/8/2021	Analysis [Date: 7/	9/2021	5	SeqNo: 2	803025	Units: mg/K	ſg		
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		91.8	70	130			
Sample ID: Ics-61209	Samp	Гуре: LC	S	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 61	209	RunNo: 79701						
Prep Date: 7/9/2021	Analysis [Date: 7/	10/2021	5	SeqNo: 2	803700	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	96.0	80	120			
Toluene	0.97	0.050	1.000	0	96.6	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.0	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.9	70	130			
Sample ID: mb-61209	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 61	209	F	RunNo: 7	9701				
Prep Date: 7/9/2021	Analysis [Date: 7/	10/2021	5	SeqNo: 2	803701	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	0.90		1.000		89.8	70	130			

Qualifiers:

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- в Analyte detected in the associated Method Blank
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- Р Sample pH Not In Range
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WO#: 2107284

19-Jul-21

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

GHD Midland	
Yates AS Fee Battery	

Sample ID: 2107284-007ams	SampT	ype: MS	;	Tes	Code: EF	PA Method	8021B: Volat	iles			
Client ID: TP1-15	Batch	n ID: 612	209	R	unNo: 7 9	9701					
Prep Date: 7/9/2021	Analysis D	ate: 7/	10/2021	S	eqNo: 28	303703	Units: mg/K	ſg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.93	0.024	0.9643	0	96.8	80	120				
Toluene	0.94	0.048	0.9643	0	97.0	80	120				
Ethylbenzene	0.96	0.048	0.9643	0	99.4	80	120				
Xylenes, Total	2.9	0.096	2.893	0	99.6	80	120				
Surr: 4-Bromofluorobenzene	0.90		0.9643		93.7	70	130				
Sample ID: 2107284-007amsd	SampT	ype: MS	D	Tes	Code: EF	PA Method	8021B: Volat	iles			
Client ID: TP1-15	Batch	n ID: 612	D: 61209 RunNo: 79701								
Prep Date: 7/9/2021	Analysis D	ate: 7/	10/2021	S	eqNo: 28	303705	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.96	0.024	0.9597	0	100	80	120	3.00	20		
Toluene	0.97	0.048	0.9597	0	102	80	120	4.11	20		
Ethylbenzene	1.0	0.048	0.9597	0	104	80	120	4.17	20		
Xylenes, Total	3.0	0.096	2.879	0	104	80	120	4.19	20		
Surr: 4-Bromofluorobenzene	0.90		0.9597		94.1	70	130	0	0		

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

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WO#: 2107284

19-Jul-21

Client: GHD	Midland									
Project: Yates	AS Fee Batter	ry								
Sample ID: Ics-61329	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	n ID: 61	329	F	RunNo: 7	9856				
Prep Date: 7/15/2021	Analysis D	ate: 7/	16/2021	S	SeqNo: 2	809408	Units: mg/#	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.4	70	130			
Surr: BFB	480		500.0		96.0	70	130			
Sample ID: mb-61329	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batch	n ID: 61	329	F	RunNo: 7	9856				
Prep Date: 7/15/2021	Analysis D	ate: 7/	16/2021	5	SeqNo: 2	809409	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	480		500.0		96.3	70	130			

Qualifiers:

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

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2107284

19-Jul-21

WO#:

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Alb TEL: 505-345-397: Website: clients.ha	Analy 49(uquero 5 FAX: allenvi	vsis Labo DI Hawki Jue, NM 505-345 ronmenta	ratory ns NE 87109 St -4107 1l.com	ample Log-In Check List	
Client Name: GHD Midland	Vork Order Number	210	7284		RcptNo: 1	
Received By: Cheyenne Cason 7/8	/2021 7:30:00 AM			Chul		
Completed By: Desiree Dominguez 7/8	/2021 10:27:13 AM	i.		TP		
Reviewed By: 3R 7/8/21				N. N.		
Chain of Custody						
1. Is Chain of Custody complete?		Yes		No 🗌	Not Present	
2. How was the sample delivered?		Cou	rier			
Log In 3. Was an attempt made to cool the samples?		Yes	~	No 🗌		
4. Were all samples received at a temperature of >0	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 🗌	1	
7. Are samples (except VOA and ONG) properly pre-	served?	Yes	\checkmark	No 🗌	Ĩ.	
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 🔽	
0. Were any sample containers received broken?		Yes		No 🔽	# of preserved	/
11. Does paperwork match bottle labels?		Yes	~	No 🗌	bottles checked for pH:	15
 Are matrices correctly identified on Chain of Custo 	ndv2	Vos		No [Adjusted?	1)
3 Is it clear what analyses were requested?	, ay :	Yes		No [
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes		No 🗌	Checked by: SPA 7.8	.21
Special Handling (if applicable)						
15. Was client notified of all discrepancies with this o	rder?	Yes		No	NA 🗹	
Person Notified:	Date:					
By Whom:	Via:	eM	ail 🗍	Phone 🗌 Fa	ax 🔲 In Person	
Regarding:						
Client Instructions:						
16. Additional remarks:						
17. <u>Cooler Information</u> Cooler No Temp ⁰C Condition Seal Int 1 5.0 Good	tact Seal No S	Seal D	ate	Signed By		

Page 1 of 1

Chain-of-Custody Record	Turn-Around	Time:					0	1						ecei
GHD	B Standard	C Rus	5.0		Ц	H		N N	E	202	MN	EN	TAL	ved b
	Project Name		P			AIN	AL	S	S		Ö	RAT	ORY	y 00
Address:	1 ULS	15 E	RHA	90		WW	w.hall	enviro	nmen	tal.co	E			C D: 5
Main St. Suite 108, Artesia NM 88210	Project #:		C	¥ ⊢ T		SUIS	NE -	Albug	nerqu	le, NN	1871	60		5/27/
ł: (505)377-4218	113	27,8401	•				Ar	alvei	COC	-045-	4107			202.
Fax#: Becky.Haskell@ghd.com	Project Manag	jer.		4					hav	(þ			2 2:
Package:	Beckv Haskell			1SC	S	S		OS		ţuə	20	21		56:.
dard Level 4 (Full Validation)	Tom Larson			08) s	CB	SMIS		'*Oc		sdA	-6	10		23 P
tation: 🛛 Az Compliance	Sampler: 2	Zach Comino		DBC WB.	4 28	502Z		-1 ⁻¹		, luas	71	21-5		PM
AC 🗆 Other	On Ice:	X Yes	n No		08/	. 4.	~~~	DN	()	LGS	m	1-1		
(Type)	# of Coolers:		2	3B(səp		SIE	180	10	d) (V	-TT		_
	Cooler Temp _{(in}	iciuding CF): 1, 0	+0.1=5,0	MTE MTE	sticio	831	tet	(AC	/-im	iforn	381	1'-		
Time Matrix Sample Name	Container F	^o reservative Vbe	HEAL No.	LEX /	99 18(yd sHA	8 AAC	DV) 09	9S) 07	loO let	rom	ma la	p	
CRS 5 TP7-13	11		100	8 Q)8	Ы	ы	82	82	oT	2	20		
0945-11 TP2.16	-		000	2			+	+		4	0			1
0955 70-20			2004		+		+	+		-	<		+	T
1-24-1000			500				+	-						Τ
121 TD2-21			400-				+	+			-		-	1
1050 TR-10			-005		-		+	-		-	4	-		T
1940 119-15			- 000		-		+	_		+	-			T
1250 TP1-70			100				+	-		-	_	1	-	
1325 175-8			-009		+		+			+	-	2	+	
1400 TPS-10			-010		+		+	_	1	-	-			T
1415 74-6			-011		+		-		1	+			+	T
1430 V TP4-12	0		610-	3 3			+		T	P				T
Time: Relinquished by:	Received by:	Via:	Date Time	Rema	arks: Pl	ease e	email:	Chase	Set		Odras	- I I	- unor s	Т
1000 Zeel Continue 215	UDUMM		7/121 800	Tom.I	Larson(@ghd.	com; Z	ach.(Comin	1000	Id.col	m: Alo	ng with	1
Por Annual of An	Received by:	Via:	Date Time			Dire	ct Bill 1	0 EO	G Cha	abov ase Se	e. ettle			Page
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2 Jo Z	L ENVIRONMENTAL	ILTSIS LABORATORY	nallenvironmental.com	- Albuquerque, NM 87109	5 Fax 505-345-4107	Analysis Request	م 20¢	:23 13 13 13 13 13 13 13 13 13 13 13 13 13		S-12 ((N N N	.8 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Ad V-im toun L	, F, Br	47 57 57 57 57 57 57 57 57 57 57 57 57 57	28		5	1 16 50 - 4-21						ail: Chase_Settle@eogresources.com; n; Zach.Comino@ghd.com: Along with / Haskell listed above. 3ill to EOG Chase Settle	2 10
			www.	4901 Hawkins NE	I el. 505-345-397		יי ג ג ג ג ג ג ג ג ג ג ג ג ג ג ג ג ג ג	21W2 CB. 0 / W 2 (80	5202) 85 b NB, ⁸	1 1 / C 808/ 1 . 4(0 0 4 20 980 980 980	MTE 5D((831 831 831	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28 73 13 28 28 38 38 38 38 38 38 38 38 38 38 38 38 38	XX			× +					i	Tom.Larson@ghd.cor Becky Direct E	
Turn-Around Time:	A Standard ロ Rush Sっ Un	Project Name:	KAR AS 6. R.H.	Project #:		Droiget Manager	Project Manager. Berky Haskell	Tom Larson	Sampler: Zach Comino	On Ice: X Yes no	# of Coolers:	Cooler Temp(including cF): $M_{a} q + O_{a} (= 5.0)$	Container Preservative HEAL No. Type and # Type	1 212 212	1013	H10- 1	- 015	-016	12/8/2 - 110-				Received by: Via: Date Time	CANNANC 9/1/ 800 Received by: Via: O Date Time	20 COW 716101 0720
Cliant GHD			Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Beckv.Haskell@ghd com	QA/QC Package:	Standard Level 4 (Full Validation)	Accreditation:	NELAC Other	EDD (Type)		Date Time Matrix Sample Name	CTURAL 144M S TP4-14		1530 176-12	IS45 TPG-14	* 1600 × TP6-15					Date: Time: Relinquished by:	Date: Time: Relinquished by: Al-	1 1914 WINNA A



July 19, 2021

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

RE: Yates As Fec Battery

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

OrderNo.: 2107397

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 24 sample(s) on 7/9/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis La	boratory,	Inc.			A L L	Analytical Report ab Order: 2107397 Date Reported: 7/19) /202 1	1
CLIENT: GHD Midland				Ι	.ab O	Order: 2107	397	
Project: Yates As Fec Battery								
Lab ID: 2107397-001		C	ollecti	on Date	e: 7/7	7/2021 8:15:00 AN	Л	
Client Sample ID: TP8-6				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 300.0: ANIONS						An	alyst:	VP
Chloride	180	60		mg/Kg	20	7/14/2021 4:49:12	AM	61269
EPA METHOD 8015M/D: DIESEL RANGE OR	ANICS			5 5		An	alvst.	SB
Diesel Range Organics (DRO)		0.2		ma/Ka	1	7/13/2021 12:28:5	2 DM	61232
Motor Oil Range Organics (MRO)	ND	3.2 46		ma/Ka	1	7/13/2021 12:28:5	2 PM	61232
Surr: DNOP	75.0	70-130		%Rec	1	7/13/2021 12:28:5	2 PM	61232
EPA METHOD 8015D: GASOLINE RANGE						An	alvst.	NSB
Casoline Range Organics (GRO)		17		ma/Ka	1	7/12/2021 1:54:57		61210
Surr: BFB	99.7	70-130		%Rec	1	7/12/2021 1:54:57	PM	61219
EPA METHOD 8021B: VOLATILES						An	alvst.	NSB
Benzene		0.024		ma/Ka	1	7/12/2021 1:54:57		61210
		0.024		mg/Kg	1	7/12/2021 1:54:57	PM	61219
Ethylbenzene	ND	0.047		ma/Ka	1	7/12/2021 1:54:57	PM	61219
Xvlenes, Total	ND	0.095		ma/Ka	1	7/12/2021 1:54:57	PM	61219
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	7/12/2021 1:54:57	PM	61219
Lab ID: 2107397-003		C	ollecti	on Date	: 7/7	7/2021 8:30:00 AN	Л	
Client Sample ID: TP18-S				Matrix	s: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 300.0: ANIONS						An	alyst:	VP
Chloride	ND	59		mg/Kg	20	7/14/2021 5:14:01	AM	61269
EPA METHOD 8015M/D: DIESEL RANGE ORG	JANICS					An	alvst:	SB
Diesel Range Organics (DRO)	43	9.1		ma/Ka	1	7/14/2021 6:07:34	PM	61232
Motor Oil Range Organics (MRO)	320	46		mg/Kg	1	7/14/2021 6:07:34	PM	61232
Surr: DNOP	89.9	70-130		%Rec	1	7/14/2021 6:07:34	PM	61232
EPA METHOD 8015D: GASOLINE RANGE						An	alyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8		ma/Ka	1	7/12/2021 4:17:47	PM	61219
Surr: BFB	96.5	70-130		%Rec	1	7/12/2021 4:17:47	PM	61219
EPA METHOD 8021B: VOLATILES						An	alyst:	NSB
Benzene	ND	0.024		ma/Ka	1	7/12/2021 4:17:47	PM	61219
Toluene	ND	0.048		mg/Ka	1	7/12/2021 4:17:47	PM	61219
Ethylbenzene	ND	0.048		mg/Kg	1	7/12/2021 4:17:47	PM	61219
Xylenes, Total	ND	0.096		mg/Kg	1	7/12/2021 4:17:47	PM	61219
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	7/12/2021 4:17:47	PM	61219
Refer to the QC Summary report and sam	ple login chec	klist for fla	gged (QC data	and p	reservation inforn	natior	1.

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank В Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р RL Reporting Limit

Page 1 of 21

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Hall Envi	ronmental Analysis La	boratory,	Inc.		A L D	ab Order: 2107397 ab Order: 2107397 Date Reported: 7/1	t ' 9/202 :	1
CLIENT: Project:	GHD Midland Yates As Fec Battery			L	ab O	rder: 2107	397	
Lab ID:	2107397-004		Colle	ection Date	: 7/7	/2021 8:40:00 Al	М	
Client Sample	e ID: TP18-2			Matrix	: SO	IL		
Analyses		Result	RL Qu	ual Units	DF	Date Analyzed	Ba	atch ID
EPA METHO	D 300.0: ANIONS					Ar	alyst	VP
Chloride		ND	60	mg/Kg	20	7/14/2021 5:26:26	S AM	61269
ΕΡΑ ΜΕΤΗΟΙ	D 8015M/D: DIESEL RANGE ORG	GANICS				Ar	alyst	SB
Diesel Range	Organics (DRO)	ND	9.8	mg/Kg	1	7/13/2021 1:05:36	5 PM	61232
Motor Oil Rar	nge Organics (MRO)	ND	49	mg/Kg	1	7/13/2021 1:05:36	S PM	61232
Surr: DNO	P	70.4	70-130	%Rec	1	7/13/2021 1:05:36	6 PM	61232
ΕΡΑ ΜΕΤΗΟΙ	D 8015D: GASOLINE RANGE					Ar	alyst	NSB

4.7

70-130

0.023

0.047

0.047

0.094

70-130

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

ND

98.2

ND

ND

ND

ND

102

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

Qualifiers:

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

- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

Е Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

В

Page 2 of 21

7/12/2021 4:41:35 PM

61219

61219

61219

61219

61219

61219

61219

Analyst: NSB

Released to Imaging: 9/13/2022 8:20:05 AM

Hall Environmental Analysis La	boratory,	Inc.			A L L	Analytical Report Lab Order: 2107397 Date Reported: 7/19/	2021	
CLIENT: GHD Midland				Ι	Lab C)rder: 21073	97	
Project: Yates As Fec Battery								
Lab ID: 2107397-005		C	ollecti	on Date	e: 7/7	7/2021 9:05:00 AM		
Client Sample ID: TP16-16				Matrix	k: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	h ID
EPA METHOD 300.0: ANIONS						Ana	lyst: VI	Р
Chloride	4800	150		mg/Kg	50	7/15/2021 4:57:53 F	, PM 61	1269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS			5 5		Ana	lvst: SI	R
Diesel Pange Organics (DRO)		10		ma/Ka	1	7/13/2021 1:17:53 [DM 61	1232
Motor Oil Range Organics (MRO)	ND	50		ma/Ka	1	7/13/2021 1:17:53	-W 01 PM 61	1232
Surr: DNOP	79.6	70-130		%Rec	1	7/13/2021 1:17:53	PM 61	1232
EPA METHOD 8015D: GASOLINE RANGE						Ana	lvst: N	SB
Gasoline Range Organics (GRO)	ND	4.8		ma/Ka	1	7/12/2021 5:05:22 5	DM 61	1210
Surr: BFB	101	70-130		%Rec	1	7/12/2021 5:05:22	PM 61	1219
FPA METHOD 8021B: VOI ATILES						Ana	lvst: N	SB
Benzene	ND	0 024		ma/Ka	1	7/12/2021 5:05:22	PM 61	1219
Toluene	ND	0.024		ma/Ka	1	7/12/2021 5:05:22	PM 61	1219
Ethylbenzene	ND	0.048		ma/Ka	1	7/12/2021 5:05:22	PM 61	1219
Xvlenes. Total	ND	0.096		ma/Ka	1	7/12/2021 5:05:22	PM 61	1219
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	7/12/2021 5:05:22	PM 61	1219
Lab ID: 2107397-006		C	ollecti	on Date	e: 7/7	7/2021 9:15:00 AM		
Client Sample ID: TP16-20				Matrix	s: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	h ID
EPA METHOD 300.0: ANIONS						Ana	lyst: VI	Р
Chloride	5000	150		mg/Kg	50	7/15/2021 5:10:18	PM 61	1269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Ana	lyst: SI	в
Diesel Range Organics (DRO)	ND	9.1		ma/Ka	1	7/13/2021 1:30:10	, РМ 61	1232
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/13/2021 1:30:10	PM 61	1232
Surr: DNOP	79.8	70-130		%Rec	1	7/13/2021 1:30:10 F	PM 61	1232
EPA METHOD 8015D: GASOLINE RANGE						Ana	lyst: N	SB
Gasoline Range Organics (GRO)	ND	4.9		ma/Ka	1	7/12/2021 5:29:09 F	PM 61	1219
Surr: BFB	101	70-130		%Rec	1	7/12/2021 5:29:09 F	PM 61	1219
EPA METHOD 8021B: VOLATILES						Ana	lyst: N	SB
Benzene	ND	0.025		ma/Ka	1	7/12/2021 5:29:09 F	PM 61	1219
Toluene	ND	0.049		mg/Ka	1	7/12/2021 5:29:09	PM 61	1219
Ethylbenzene	ND	0.049		mg/Kg	1	7/12/2021 5:29:09	PM 61	1219
Xylenes Total	ND	0.098		ma/Ka	1	7/12/2021 5:29:09	PM 61	1219
	110	0.000			-		-	

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

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range RL Reporting Limit

Page 3 of 21
Hall Environmental Analysis La	boratory,	Inc.		I I	Analytical I Lab Order: 2 Date Reported	Report 107397 d: 7/19/2	2021	
CLIENT: GHD Midland			L	ab (Order:	210739	97	
Project: Yates As Fec Battery								
Lab ID: 2107397-007		Coll	ection Date	: 7/	7/2021 9:45	:00 AM		
Client Sample ID: TP14-16			Matrix	: SC	DIL			
Analyses	Result	RL Q	ual Units	DF	Date Ana	lyzed	Bat	tch ID
EPA METHOD 300.0: ANIONS						Anal	yst:	VP
Chloride	6300	300	mg/Kg	10	0 7/15/2021	5:22:42 P	M	61269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Anal	yst:	SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	7/13/2021	1:42:28 P	M	61232
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/13/2021	1:42:28 P	M	61232
Surr: DNOP	81.1	70-130	%Rec	1	7/13/2021	1:42:28 P	'M	61232
EPA METHOD 8015D: GASOLINE RANGE						Anal	yst:	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/12/2021	5:52:55 P	M	61219
Surr: BFB	99.8	70-130	%Rec	1	7/12/2021	5:52:55 P	M	61219
EPA METHOD 8021B: VOLATILES						Anal	yst:	NSB
Benzene	ND	0.025	mg/Kg	1	7/12/2021	5:52:55 P	M	61219
Toluene	ND	0.050	mg/Kg	1	7/12/2021	5:52:55 P	M	61219
Ethylbenzene	ND	0.050	mg/Kg	1	7/12/2021	5:52:55 P	M	61219

ND

104

0.10

70-130

mg/Kg

%Rec

1

1

7/12/2021 5:52:55 PM

7/12/2021 5:52:55 PM

61219

61219

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

E Value above quantitation range

Analyte detected in the associated Method Blank

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

в

Page 4 of 21

Hall Environmental Analysis La	boratory,	Inc.			A L E	Analytical Re Lab Order: 210 Date Reported:	port 7397 7/19/202	21
CLIENT: GHD Midland				L	ab C	Order: 2	2107397	
Project: Yates As Fec Battery								
Lab ID: 2107397-008		C	ollecti	on Date	: 7/7	7/2021 10:00:	00 AM	
Client Sample ID: TP14-20				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyz	zed E	atch ID
EPA METHOD 300.0: ANIONS							Analys	t: VP
Chloride	7100	300		mg/Kg	100	0 7/15/2021 5:3	35:07 PM	61269
FPA METHOD 8015M/D: DIESEL RANGE OR	GANICS			0 0			Analys	t: SB
Diesel Range Organics (DRO)		03		ma/Ka	1	7/13/2021 1.4	54.56 PM	61232
Motor Oil Range Organics (MRO)	ND	46		ma/Ka	1	7/13/2021 1:	54:56 PM	61232
Surr: DNOP	79.8	70-130		%Rec	1	7/13/2021 1:	54:56 PM	61232
FPA METHOD 8015D: GASOLINE RANGE							Analys	t: NSB
Gasoline Range Organics (GRO)	ND	48		ma/Ka	1	7/12/2021 6.	16·41 PM	61219
Surr: BFB	99.4	70-130		%Rec	1	7/12/2021 6:	16:41 PM	61219
EPA METHOD 8021B: VOLATILES							Analys	t: NSB
Benzene	ND	0.024		ma/Ka	1	7/12/2021 6:	16:41 PM	61219
Toluene	ND	0.048		ma/Ka	1	7/12/2021 6:	6:41 PM	61219
Ethylbenzene	ND	0.048		mg/Kg	1	7/12/2021 6:1	16:41 PM	61219
Xylenes, Total	ND	0.096		mg/Kg	1	7/12/2021 6:1	16:41 PM	61219
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/12/2021 6:′	l6:41 PM	61219
Lab ID: 2107397-009		C	ollecti	on Date	: 7/7	7/2021 10:50:	00 AM	
Client Sample ID: TP12-16				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyz	zed E	atch ID
EPA METHOD 300.0: ANIONS							Analys	t: VP
Chloride	5000	150		mg/Kg	50	7/15/2021 5:4	17:32 PM	61269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analys	t: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	7/13/2021 2:0)7:20 PM	61232
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/13/2021 2:0)7:20 PM	61232
Surr: DNOP	81.4	70-130		%Rec	1	7/13/2021 2:0	07:20 PM	61232
EPA METHOD 8015D: GASOLINE RANGE							Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/12/2021 6:4	10:26 PM	61219
Surr: BFB	99.9	70-130		%Rec	1	7/12/2021 6:4	40:26 PM	61219
EPA METHOD 8021B: VOLATILES							Analys	t: NSB
Benzene	ND	0.024		mg/Ka	1	7/12/2021 6:4	- 10:26 PM	61219
Toluene	ND	0.047		mg/Kg	1	7/12/2021 6:4	10:26 PM	61219
Ethylbenzene	ND	0.047		mg/Kg	1	7/12/2021 6:4	10:26 PM	61219
Xylenes, Total	ND	0.095		mg/Kg	1	7/12/2021 6:4	40:26 PM	61219
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/12/2021 6:4	10:26 PM	61219

Qualifiers: * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

 H
 Holding times for preparation 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 La	boratory,	Inc.		A L D	ab Order: 2107397 Date Reported: 7/19	/2021	
CLIENT: GHD Midland			L	ab O	Order: 21073	397	
Project: Yates As Fec Battery							
Lab ID: 2107397-010		Coll	ection Date	: 7/7	//2021 11:00:00 A	М	
Client Sample ID: TP12-20			Matrix	: SO	ML		
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS					An	alyst:	VP
Chloride	4200	150	mg/Kg	50	7/15/2021 5:59:57	PM	61269
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Ana	alyst:	SB
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	7/13/2021 2:19:46	PM	61232
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	7/13/2021 2:19:46	PM	61232
Surr: DNOP	81.6	70-130	%Rec	1	7/13/2021 2:19:46	PM	61232
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/12/2021 7:04:06	PM	61219
Surr: BFB	102	70-130	%Rec	1	7/12/2021 7:04:06	PM	61219
EPA METHOD 8021B: VOLATILES					Ana	alyst:	NSB
Benzene	ND	0.025	mg/Kg	1	7/12/2021 7:04:06	PM	61219
Toluene	ND	0.049	mg/Kg	1	7/12/2021 7:04:06	PM	61219
Ethylbenzene	ND	0.049	mg/Kg	1	7/12/2021 7:04:06	PM	61219

ND

106

0.098

70-130

mg/Kg

%Rec

1

1

7/12/2021 7:04:06 PM

7/12/2021 7:04:06 PM 61219

61219

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

E Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

в

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Hall Environmental Analysis La	boratory,	Inc.			A L L	Analytical Re Lab Order: 210' Date Reported:	port 7397 7/19/202	1
CLIENT:GHD MidlandProject:Yates As Fec Battery				L	ab C	Order: 2	2107397	
Lab ID: 2107397-011		C	ollecti	on Date	: 7/7	7/2021 12:30:0	00 PM	
Client Sample ID: TP19-S				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyz	zed Ba	atch ID
EPA METHOD 300.0: ANIONS							Analyst	: VP
Chloride	ND	60		mg/Kg	20	7/14/2021 7:1	8:06 AM	61269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analyst	SB
Diesel Range Organics (DRO)	110	99		ma/Ka	10	7/13/2021 11	:31:02 PM	61232
Motor Oil Range Organics (MRO)	570	500		mg/Kg	10	7/13/2021 11	:31:02 PM	61232
Surr: DNOP	0	70-130	S	%Rec	10	7/13/2021 11	:31:02 PM	61232
EPA METHOD 8015D: GASOLINE RANGE							Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9		ma/Ka	1	7/12/2021 7:5	51:28 PM	61219
Surr: BFB	96.7	70-130		%Rec	1	7/12/2021 7:5	51:28 PM	61219
EPA METHOD 8021B: VOLATILES							Analyst	NSB
Benzene	ND	0.024		ma/Ka	1	7/12/2021 7.6	51.28 DM	61210
		0.024		mg/Kg	1	7/12/2021 7.5	51.20 F M	61219
Fthylbenzene	ND	0.049		ma/Ka	1	7/12/2021 7:5	51:28 PM	61219
Xvlenes. Total	ND	0.097		ma/Ka	1	7/12/2021 7:5	51:28 PM	61219
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	7/12/2021 7:5	51:28 PM	61219
Lab ID: 2107397-012		C	ollecti	on Date	: 7/7	7/2021 12:40:0	00 PM	
Client Sample ID: TP19-2				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyz	ed Ba	atch ID
EPA METHOD 300.0: ANIONS							Analyst	: VP
Chloride	ND	60		ma/Ka	20	7/14/2021 7:3	30:30 AM	61269
EDA METHOD 8015M/D: DIESEL PANGE OP	GANICS						Analyst	SB
Dissel Bange Organice (DBO)		0.0		malla	4	7/12/2021 0.5		64000
Motor Oil Pango Organics (MRO)		9.2		mg/Kg	1	7/13/2021 9.5	54:02 PIVI	61232
Surr: DNOP	71.5	70-130		%Rec	1	7/13/2021 9:5	54·02 PM	61232
EPA METHOD 8015D: GASOLINE BANGE	11.0	10100		/01100		1710/2021 0.0	Analyst	NSB
		4.0		malka	1	7/10/2021 0.2		61210
Surr: BFB	96.6	4.9 70-130		mg/r∖g %Rec	1	7/12/2021 8:3	38:46 PM	61219
EPA METHOD 8021B: VOI ATILES	0010	10.00		,01100		.,,	Analyst	NSB
Renzene		0.025		ma/Ka	1	7/12/2021 0.2	28-76 DM	61210
		0.025		mg/Kg	י 1	7/12/2021 0.3	38.40 FIV	61219
Ethylbenzene	ND	0.049		mg/Ka	1	7/12/2021 8:2	38:46 PM	61219
Xylenes, Total	ND	0.099		mg/Ka	1	7/12/2021 8:3	38:46 PM	61219
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/12/2021 8:3	38:46 PM	61219
Refer to the QC Summary report and sam	nple login chec	klist for fla	gged (QC data	and p	reservation in	formation	n.

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank В Е

Value above quantitation range

Analyte detected below quantitation limits J Sample pH Not In Range

Р RL Reporting Limit

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Hall Environmental Analysis La	boratory,	Inc.		A L D	ab Order: 2107397 Date Reported: 7/19/2	2021
CLIENT: GHD Midland			L	ab O	Prder: 210739	97
Project: Yates As Fec Battery						
Lab ID: 2107397-013		Colle	ection Date	: 7/7	//2021 12:50:00 PM	[
Client Sample ID: TP20-S			Matrix	: SO	IL	
Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	ND	60	mg/Kg	20	7/14/2021 7:42:54 A	M 61269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Anal	yst: SB
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	7/14/2021 4:53:42 P	M 61233
Motor Oil Range Organics (MRO)	64	46	mg/Kg	1	7/14/2021 4:53:42 P	M 61233
Surr: DNOP	110	70-130	%Rec	1	7/14/2021 4:53:42 P	M 61233
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/12/2021 7:07:00 P	'M 61227
Surr: BFB	114	70-130	%Rec	1	7/12/2021 7:07:00 P	M 61227
EPA METHOD 8021B: VOLATILES					Anal	yst: mb
Benzene	ND	0.024	mg/Kg	1	7/12/2021 7:07:00 P	'M 61227
Toluene	ND	0.049	mg/Kg	1	7/12/2021 7:07:00 P	M 61227
Ethylbenzene	ND	0.049	mg/Kg	1	7/12/2021 7:07:00 P	M 61227

ND

113

0.097

70-130

mg/Kg

%Rec

1

1

7/12/2021 7:07:00 PM

7/12/2021 7:07:00 PM

61227

61227

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

Analyte detected in the associated Method Blank

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

в

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Hall Environmental Analysis La	boratory,	Inc.			A L I	Analytical Rep Lab Order: 2107. Date Reported: '	ort 397 7/19/202	21
CLIENT:GHD MidlandProject:Yates As Fec Battery				L	ab C)rder: 21	07397	
Lab ID: 2107397-014		C	ollecti	on Date	: 7/7	7/2021 1:15:00	PM	
Client Sample ID: TP20-2				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyze	ed B	atch ID
EPA METHOD 300.0: ANIONS							Analys	t: VP
Chloride	ND	60		mg/Kg	20	7/14/2021 7:55	5:18 AM	61269
FPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analys	t: SB
Diesel Range Organics (DRO)	ND	94		ma/Ka	1	7/13/2021 5:27	7.59 PM	61233
Motor Oil Range Organics (MRO)	ND	47		ma/Ka	1	7/13/2021 5:27	2:59 PM	61233
Surr: DNOP	97.8	70-130		%Rec	1	7/13/2021 5:27	2:59 PM	61233
EPA METHOD 8015D: GASOLINE RANGE							Analys	t: mb
Gasoline Range Organics (GRO)	ND	49		ma/Ka	1	7/12/2021 8.06	:00 PM	61227
Surr: BFB	114	70-130		%Rec	1	7/12/2021 8:06	6:00 PM	61227
EPA METHOD 8021B: VOLATILES							Analys	t: mb
Benzene	ND	0.024		ma/Ka	1	7/12/2021 8:06	6:00 PM	61227
Toluene	ND	0.049		mg/Kg	1	7/12/2021 8:06	6:00 PM	61227
Ethylbenzene	ND	0.049		mg/Kg	1	7/12/2021 8:06	6:00 PM	61227
Xylenes, Total	ND	0.098		mg/Kg	1	7/12/2021 8:06	6:00 PM	61227
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	7/12/2021 8:06	6:00 PM	61227
Lab ID: 2107397-015		С	ollecti	on Date	: 7/7	7/2021 1:25:00	PM	
Client Sample ID: TP21-2				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyze	ed B	atch ID
EPA METHOD 300.0: ANIONS							Analys	t: VP
Chloride	6400	300		mg/Kg	10	0 7/15/2021 6:12	2:22 PM	61287
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS						Analys	t: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/13/2021 5:52	2:03 PM	61233
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2021 5:52	2:03 PM	61233
Surr: DNOP	111	70-130		%Rec	1	7/13/2021 5:52	2:03 PM	61233
EPA METHOD 8015D: GASOLINE RANGE							Analys	t: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/12/2021 9:06	6:00 PM	61227
Surr: BFB	116	70-130		%Rec	1	7/12/2021 9:06	6:00 PM	61227
EPA METHOD 8021B: VOLATILES							Analys	t: mb
Benzene	ND	0.024		mg/Kg	1	7/12/2021 9:06	6:00 PM	61227
Toluene	ND	0.049		mg/Kg	1	7/12/2021 9:06	6:00 PM	61227
Ethylbenzene	ND	0.049		mg/Kg	1	7/12/2021 9:06	6:00 PM	61227
Xylenes, Total	ND	0.098		mg/Kg	1	7/12/2021 9:06	6:00 PM	61227
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	1	7/12/2021 9:06	6:00 PM	61227

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank В Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р RL Reporting Limit

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Hall Environmental Analysis La	boratory,	Inc.		I I	Analytical F Lab Order: 21 Date Reported	Report 107397 1: 7/19/20	021
CLIENT: GHD Midland			L	ab (Order:	210739	7
Project: Yates As Fec Battery							
Lab ID: 2107397-016		Coll	ection Date	: 7/	7/2021 1:30:	:00 PM	
Client Sample ID: TP21-8			Matrix	: SC	DIL		
Analyses	Result	RL Q	ual Units	DF	Date Anal	yzed	Batch ID
EPA METHOD 300.0: ANIONS						Analy	st: VP
Chloride	6700	300	mg/Kg	10	0 7/15/2021 6	6:24:47 PM	A 61287
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analy	st: SB
Diesel Range Organics (DRO)	ND	8.2	mg/Kg	1	7/13/2021 6	6:16:06 PN	A 61233
Motor Oil Range Organics (MRO)	ND	41	mg/Kg	1	7/13/2021 6	6:16:06 PM	A 61233
Surr: DNOP	112	70-130	%Rec	1	7/13/2021 6	6:16:06 PM	A 61233
EPA METHOD 8015D: GASOLINE RANGE						Analy	st: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/12/2021 9	9:26:00 PN	A 61227
Surr: BFB	112	70-130	%Rec	1	7/12/2021 9	9:26:00 PN	M 61227
EPA METHOD 8021B: VOLATILES						Analy	st: mb
Benzene	ND	0.024	mg/Kg	1	7/12/2021 9	9:26:00 PM	A 61227
Toluene	ND	0.048	mg/Kg	1	7/12/2021 9	9:26:00 PN	A 61227
Ethylbenzene	ND	0.048	mg/Kg	1	7/12/2021 9	9:26:00 PM	A 61227

ND

113

0.097

70-130

mg/Kg

%Rec

1

1

7/12/2021 9:26:00 PM

7/12/2021 9:26:00 PM 61227

61227

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

E Value above quantitation range

Analyte detected in the associated Method Blank

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

в

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Hall Environmental Analysis La	boratory,	Inc.			I I	Analytical Report Lab Order: 2107397 Date Reported: 7/19	/2021	1
CLIENT:GHD MidlandProject:Yates As Fec Battery				L	ab (Order: 21073	97	
Lab ID: 2107397-017		С	ollecti	on Date	: 7/	7/2021 1:50:00 PM		
Client Sample ID: TP21-15				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 300.0: ANIONS						Ana	alyst:	VP
Chloride	7300	300		ma/Ka	10	0 7/15/2021 6:37:12	PM	61287
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS			0 0		An	alvst	SB
Diagol Pango Organico (DRO)		0.2		ma/ka	1	7/12/2021 6:40:06		61222
Motor Oil Range Organics (MRO)		9.2 46		mg/Kg	1	7/13/2021 6:40:06	PM	61233
Surr: DNOP	96.5	70-130		%Rec	1	7/13/2021 6:40:06	PM	61233
EPA METHOD 8015D: GASOLINE PANGE						Δn	alvet	mb
		5.0		malka	4	7/12/2021 0:46:00	агуэт. ПМ	61007
Surr: BFB	117	70-130		%Rec	1	7/12/2021 9:46:00	PM	61227
EPA METHOD 8021B: VOLATILES				,	·	Δn:	alvet	mb
Ronzono		0.025		ma/Ka	1	7/12/2021 0:46:00		61227
		0.025		mg/Kg	1	7/12/2021 9:46:00	PM	61227
Fthylbenzene	ND	0.050		ma/Ka	1	7/12/2021 9:46:00	PM	61227
Xvlenes, Total	ND	0.099		ma/Ka	1	7/12/2021 9:46:00	PM	61227
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	7/12/2021 9:46:00	PM	61227
Lab ID: 2107397-018		С	ollecti	on Date	: 7/	7/2021 2:00:00 PM	-	
Client Sample ID: TP21-20				Matrix	: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHOD 300.0: ANIONS						Ana	alvst:	VP
Chloride	6900	300		mg/Kg	10	0 7/15/2021 6:49:37	PM	61287
FPA METHOD 8015M/D: DIESEL RANGE OR	GANICS			0 0		Ana	alvst	SB
Diesel Range Organics (DRO)	ND	9.9		ma/Ka	1	7/13/2021 7:04:03	PM	61233
Motor Oil Range Organics (MRO)	ND	49		ma/Ka	1	7/13/2021 7:04:03	PM	61233
Surr: DNOP	97.8	70-130		%Rec	1	7/13/2021 7:04:03	PM	61233
EPA METHOD 8015D: GASOLINE RANGE						Ana	alvst:	mb
Gasoline Range Organics (GRO)	ND	5.0		ma/Ka	1	7/12/2021 10:06:00) PM	61227
Surr: BFB	115	70-130		%Rec	1	7/12/2021 10:06:00) PM	61227
EPA METHOD 8021B: VOLATILES						Ana	alyst	mb
Benzene	ND	0.025		ma/Ka	1	7/12/2021 10:06:00) PM	61227
Toluene	ND	0.050		ma/Ka	1	7/12/2021 10:06:00) PM	61227
Ethylbenzene	ND	0.050		mg/Ka	1	7/12/2021 10:06:00) PM	61227
Xylenes, Total	ND	0.099		ma/Ka	1	7/12/2021 10:06:00) PM	61227
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	7/12/2021 10:06:00) PM	61227

Qualifiers: * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

HHolding times for preparation or analysis exceededNDNot 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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Released to Imaging: 9/13/2022 8:20:05 AM

Hall Envi	ronmental Analysis L	aboratory,	Inc.			I I	Analytical Repor Lab Order: 210739 Date Reported: 7/1	t 7 9/202	1
CLIENT:	GHD Midland				L	ab C	Order: 2107	397	
Project:	Yates As Fec Battery								
Lab ID:	2107397-019		C	Collecti	on Date	: 7/	7/2021 3:05:00 PM	М	
Client Sample	e ID: TP11-8				Matrix	s: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHO	D 300.0: ANIONS						Ar	nalyst	VP
Chloride		150	59		mg/Kg	20	7/14/2021 11:44:4	45 AM	61287
ΕΡΑ ΜΕΤΗΟ	D 8015M/D: DIESEL RANGE O	RGANICS					Ar	nalvst	SB
Diesel Range	= Organics (DRO)	32	9.3		ma/Ka	1	7/14/2021 5:42:4	D PM	61233
Motor Oil Rar	nge Organics (MRO)	120	46		mg/Kg	1	7/14/2021 5:42:40	D PM	61233
Surr: DNO	P	97.2	70-130		%Rec	1	7/14/2021 5:42:40) PM	61233
ΕΡΑ ΜΕΤΗΟ	D 8015D: GASOLINE RANGE						Ar	nalvst	mb
Gasoline Rar	age Organics (GRO)	ND	5.0		ma/Ka	1	7/12/2021 11:26:(10 PM	61227
Surr: BFB	.90 0.90	114	70-130		%Rec	1	7/12/2021 11:26:0	00 PM	61227
ΕΡΔ ΜΕΤΗΟ	D 8021B: VOLATILES						Ar	halvst	mb
Benzene		ND	0 025		ma/Ka	1	7/12/2021 11:26:0		61227
Toluene		ND	0.020		ma/Ka	1	7/12/2021 11:26:	00 PM	61227
Ethylbenzene		ND	0.050		ma/Ka	1	7/12/2021 11:26:	00 PM	61227
Xvlenes, Tota	al	ND	0.10		ma/Ka	1	7/12/2021 11:26:	00 PM	61227
Surr: 4-Bro	omofluorobenzene	113	70-130		%Rec	1	7/12/2021 11:26:0	00 PM	61227
Lab ID:	2107397-020		C	Collecti	on Date	: 7/	7/2021 3:20:00 PM	М	
Client Sample	e ID: TP11-12				Matrix	s: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	atch ID
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS					Ar	nalyst	SB
Diesel Range	e Organics (DRO)	ND	9.7		mg/Kg	1	7/13/2021 7:52:08	B PM	61233
Motor Oil Rar	nge Organics (MRO)	ND	49		mg/Kg	1	7/13/2021 7:52:08	B PM	61233
Surr: DNO	P	97.3	70-130		%Rec	1	7/13/2021 7:52:08	B PM	61233
EPA METHO	D 8015D: GASOLINE RANGE						Ar	nalyst	mb
Gasoline Rar	nge Organics (GRO)	ND	5.0		mg/Kg	1	7/12/2021 11:46:0	00 PM	61227
Surr: BFB		113	70-130		%Rec	1	7/12/2021 11:46:0	00 PM	61227
EPA METHO	D 8021B: VOLATILES						Ar	nalyst	mb
Benzene		ND	0.025		mg/Kg	1	7/12/2021 11:46:0	00 PM	61227
Toluene		ND	0.050		mg/Kg	1	7/12/2021 11:46:0	00 PM	61227
Ethylbenzene	9	ND	0.050		mg/Kg	1	7/12/2021 11:46:0	00 PM	61227
Xylenes, Tota	al	ND	0.099		mg/Kg	1	7/12/2021 11:46:0	00 PM	61227
Surr: 4-Bro	omofluorobenzene	112	70-130		%Rec	1	7/12/2021 11:46:0	00 PM	61227

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

Qualifiers:

Analyte detected in the associated Method Blank в

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

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

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Hall Environmental Analysis La	boratory,	Inc.			A L L	Analytical Report.ab Order: 2107397Date Reported: 7/19)/2021	l
CLIENT:GHD MidlandProject:Yates As Fec Battery				I	.ab C	Order: 21073	397	
Lab ID: 2107397-021		С	ollecti	on Date	e: 7/7	//2021 3:45:00 PM	[
Client Sample ID: TP10-12				Matrix	s: SC	IL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS						An	alyst:	VP
Chloride	220	60		ma/Ka	20	7/14/2021 12:09:34	4 PM	61287
EBA METHOD 8015M/D: DIESEL BANGE OB						Δρ.	alvet	CD.
EFA METHOD 8015M/D. DIESEL RANGE OR	JANICS					7/10/0001 0 40 00	aiysi.	30
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	7/13/2021 8:16:30		61233
	ND 96.1	43 70-130		%Rec	1	7/13/2021 8.16.30	PM	61233
	50.1	70-100		/01/00		1/13/2021 0.10.30		01200
EPA METHOD 8015D: GASOLINE RANGE						Ana	alyst:	mb
Gasoline Range Organics (GRO) Surr: BFB	ND 109	5.0 70-130		mg/Kg %Rec	1 1	7/13/2021 12:06:00 7/13/2021 12:06:00	0 AM 0 AM	61227 61227
EPA METHOD 8021B: VOLATILES						Ana	alyst:	mb
Benzene	ND	0.025		mg/Kg	1	7/13/2021 12:06:0	D AM	61227
Toluene	ND	0.050		mg/Kg	1	7/13/2021 12:06:0	D AM	61227
Ethylbenzene	ND	0.050		mg/Kg	1	7/13/2021 12:06:0	0 AM	61227
Xylenes, Total	ND	0.099		mg/Kg	1	7/13/2021 12:06:0	D AM	61227
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	7/13/2021 12:06:0	0 AM	61227
Lab ID: 2107397-023		С	ollecti	on Date	e: 7/7	7/2021 4:05:00 PM	I	
Client Sample ID: TP22-S				Matrix	s: SC	DIL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300.0: ANIONS						Ana	alyst:	VP
Chloride	ND	60		mg/Kg	20	7/14/2021 12:34:24	4 PM	61287
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					An	alvst:	SB
Diesel Range Organics (DRO)	ND	9.3		ma/Ka	1	7/13/2021 9:05:12	PM	61233
Motor Oil Range Organics (MRO)	ND	47		ma/Ka	1	7/13/2021 9:05:12	PM	61233
Surr: DNOP	134	70-130	S	%Rec	1	7/13/2021 9:05:12	PM	61233
FPA METHOD 8015D: GASOLINE RANGE						An	alvst:	mb
Gasoline Pange Organics (GPO)		10		ma/Ka	1	7/13/2021 12:46:00		61227
Surr: BEB	111	70-130		%Rec	1	7/13/2021 12:46:0		61227
				,	•	Δ	alvet	mb
		0.004		malle	4	7/12/2024 42:40:00		61007
		0.024		mg/Kg	1	7/13/2021 12:46:0		61227
i uluelle Ethylhenzene		0.049		mg/Kg	1	7/13/2021 12:40:00		61227
Xvlenes Total		0.049 0.049		ma/Ka	1	7/13/2021 12:40.0		61227
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	7/13/2021 12:46:0	D AM	61227
Refer to the OC Summary report and sam	ple login chec	klist for fla	gged (C data	and n	reservation inform	ation).

Qualifiers: * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation 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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Surr: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8015D: GASOLINE RANGE

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Hall Envi	ronmental Analysis L	aboratory, Ir	10.		A L D	ab Order: 2107397 ate Reported: 7/19	/2021	
CLIENT: Project:	GHD Midland Yates As Fec Battery			I	.ab O	rder: 21073	397	
Lab ID:	2107397-024		Colle	ection Date	: 7/7	/2021 4:15:00 PM	[
Client Sample	e ID: TP22-2			Matrix	: SO	IL		
Analyses		Result	RL Qu	ual Units	DF	Date Analyzed	Ba	tch ID
EPA METHO	D 300.0: ANIONS					Ana	alyst:	VP
Chloride		ND	59	mg/Kg	20	7/14/2021 12:46:48	3 PM	61287
EPA METHO	D 8015M/D: DIESEL RANGE O	RGANICS				Ana	alyst:	SB
Diesel Range	e Organics (DRO)	ND	9.9	mg/Kg	1	7/13/2021 9:29:34	PM	61233
Motor Oil Rai	nge Organics (MRO)	ND	50	mg/Kg	1	7/13/2021 9:29:34	PM	61233

70-130

70-130

0.025

0.049

0.049

0.099

70-130

4.9

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

1

7/13/2021 9:29:34 PM

7/13/2021 1:06:00 AM

61233

61227

61227

61227

61227

61227

61227

61227

Analyst: mb

Analyst: mb

120

ND

111

ND

ND

ND

ND

111

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

Qualifiers:

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

E Value above quantitation range

Analyte detected in the associated Method Blank

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

В

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Released to Imaging: 9/13/2022 8:20:05 AM

Client ID: LCSS

Analyte

Chloride

Prep Date: 7/13/2021

Sample ID: MB-61287

Prep Date: 7/14/2021

Client ID: PBS

Batch ID: 61269

Analysis Date: 7/14/2021

SampType: MBLK

Batch ID: 61287

Analysis Date: 7/14/2021

PQL

1.5

Result

14

......

MOU

Hall Er	nvironmer	ntal Analysis	Laborat	ory, Inc.					w0#:	2107397 19-Jul-21
Client: Project:	GHD Yates	Midland As Fec Battery								
Sample ID:	MB-61269	SampType:	MBLK	Tes	Code: El	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch ID:	61269	R	unNo: 7	9769				
Prep Date:	7/13/2021	Analysis Date:	7/14/2021	S	eqNo: 2	806234	Units: mg/K	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1	.5							
Sample ID:	LCS-61269	SampType:	LCS	Tes	Code: El	PA Method	300.0: Anion	s		

RunNo: 79769

95.1

RunNo: 79791

SeqNo: 2808214

SeqNo: 2806235

LowLimit

TestCode: EPA Method 300.0: Anions

90

Units: mg/Kg

110

Units: mg/Kg

%RPD

RPDLimit

Qual

HighLimit

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								
Sample ID: LCS-61287 SampType: LCS				Test	Code: EF	PA Method	300.0: Anions	5		
Client ID: LCSS	Batch ID: 61287			RunNo: 79791						
Prep Date: 7/14/2021	Analysis D	ate: 7/	14/2021	S	eqNo: 28	308215	Units: mg/K	g		
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			

SPK value SPK Ref Val %REC

0

15.00

Qualifiers:

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

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

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	WO#:	2107397
Hall Environmental Analysis Laboratory, Inc.		19-Jul-21

Client:	GHD Midla	ind										
Project:	Yates As Fe	ec Battery	T									
Sample ID: MB-6	1232	SampTy	pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: PBS		Batch	ID: 612	232	F	RunNo: 79755						
Prep Date: 7/12	/ 2021 A	nalysis Da	ite: 7/	13/2021	S	SeqNo: 2805596			Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	s (DRO)	ND	10									
Motor Oil Range Organ	nics (MRO)	ND	50									
Surr: DNOP		9.0		10.00		89.8	70	130				
Sample ID: LCS-	61232	SampTy	pe: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: LCSS	5	Batch	ID: 612	232	F	RunNo: 7 9	9755					
Prep Date: 7/12	/ 2021 A	nalysis Da	ite: 7/	13/2021	5	SeqNo: 2	805597	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	s (DRO)	47	10	50.00	0	93.1	68.9	141				
Surr: DNOP		4.6		5.000		91.7	70	130				
Sample ID: MB-6	1233	SampTy	pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID: PBS		Batch	ID: 612	233	F	RunNo: 7	9756					
Prep Date: 7/12	/ 2021 A	nalysis Da	ite: 7/	13/2021	S	SeqNo: 2	806322	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	s (DRO)	ND	10									
Motor Oil Range Organ	nics (MRO)	ND	50									
Surr: DNOP		11		10.00		114	70	130				
Sample ID: LCS-	61233	SampTy	pe: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: LCSS	5	Batch	ID: 612	233	F	RunNo: 7	9756					
Prep Date: 7/12	/ 2021 A	nalysis Da	ite: 7/	13/2021	S	SeqNo: 2	806323	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	s (DRO)	46	10	50.00	0	92.9	68.9	141				
Surr: DNOP		5.6		5.000		111	70	130				
Sample ID: 21073	397-013AMS	SampTy	pe: MS	;	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID: TP20	-S	Batch	ID: 612	233	F	RunNo: 7	9790					
Prep Date: 7/12	/ 2021 A	nalysis Da	ite: 7/	14/2021	SeqNo: 2807640			Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	s (DRO)	55	9.4	46.95	5.996	104	15	184				
Surr: DNOP		6.4		4.695		137	70	130			S	

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

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

QC SUMMARY REPORT	WO#:	2107397
Hall Environmental Analysis Laboratory, Inc.		19-Jul-21

Client:	GHD Mic	GHD Midland									
Project:	Yates As	Fec Batter	ý								
Sample ID:	2107397-013AMSE	SampT	/pe: M\$	SD	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID:	TP20-S	Batch	ID: 61	233	F	RunNo: 7 9	9790				
Prep Date:	7/12/2021	Analysis Da	ate: 7/	14/2021	S	SeqNo: 28	807642	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	36	9.6	47.85	5.996	61.7	15	184	42.6	23.9	R
Surr: DNOP		4.7		4.785		97.8	70	130	0	0	

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

Hall Enviror	WO#:	2107397 19-Jul-21	
Client: Project:	GHD Midland Yates As Fec Battery		

			_							
Sample ID: mb-61219	SampType: MI	BLK	Test	tCode: EF	PA Method	8015D: Gaso	oline Rang	e		
Client ID: PBS	Batch ID: 61	219	R	unNo: 7 9	9735					
Prep Date: 7/9/2021	Analysis Date: 7/	12/2021	S	eqNo: 28	304597	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	960	1000		95.6	70	130				
Sample ID: Ics-61219	SampType: LC	s	Test	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 61	Batch ID: 61219			9735					
Prep Date: 7/9/2021	Analysis Date: 7/	12/2021	S	eqNo: 28	304598	Units: mg/K	٤g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	23 5.0	25.00	0	93.5	78.6	131				
Surr: BFB	1100	1000		108	70	130				
Sample ID: mb-61227	SampType: MI	BLK	Test	tCode: EF	PA Method	8015D: Gasc	line Rang	e		
Client ID: PBS	Batch ID: 61	R	RunNo: 79725							
Prep Date: 7/10/2021	Analysis Date: 7/	12/2021	S	eqNo: 28	304718	Units: mg/K	۲g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND 5.0									
Surr: BFB	1100	1000		115	70	130				
Sample ID: Ics-61227	SampType: LC	s	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e		
Client ID: LCSS	Batch ID: 61	227	RunNo: 79725							
Prep Date: 7/10/2021	Analysis Date: 7/	12/2021	S	eqNo: 28	304719	Units: mg/K	ζg			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	22 5.0	25.00	0	88.7	78.6	131				
Surr: BFB	1300	1000		127	70	130				
Sample ID: 2107397-013ams	SampType: MS	3	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	9		
Client ID: TP20-S	Batch ID: 61	227	R	unNo: 7 9	9725					
Prep Date: 7/10/2021	Analysis Date: 7/	12/2021	S	eqNo: 28	304720	Units: mg/K	٢g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	21 4.9	24.65	0	84.5	61.3	114				
Surr: BFB	1200	986.2		126	70	130				
Sample ID: 2107397-013amsd	SampType: MS	SD	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e		
Client ID: TP20-S	Batch ID: 61	227	R	unNo: 7 9	9725		_			
Prep Date: 7/10/2021	Analysis Date: 7/	12/2021	S	eqNo: 28	304721	Units: mg/K	ζg			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
,				-	-	<u> </u>				

Qualifiers:

Value exceeds Maximum Contaminant Level. *

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

в Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit

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Client: Project:

Client:	GHD Mid	land			
Project:	Y ates As		TastOadas		ALED: Occubing Damage
Client ID:	TP20-S	Batch ID: 61227	RunNo:	29725	015D: Gasoline Range
Prep Date:	7/10/2021	Analysis Date: 7/12/202	21 SeaNo ⁻	2804721	Units: ma/Ka

Prep Date: 7/10/2021	Analysis Da	ate: 7/	12/2021	S	eqNo: 28	304721	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	24.75	0	86.6	61.3	114	2.87	20	
Surr: BFB	1200		990.1		122	70	130	0	0	

Qualifiers:

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

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

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2107397

19-Jul-21

WO#:

	WO#:	2107397
Ill Environmental Analysis Laboratory, Inc.		19-Jul-21

Client:	GHD M	lidland									
Project:	Yates A	As Fec Batter	ry								
Sample ID:	mb-61219	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batcl	h ID: 61	219	F	RunNo: 79735					
Prep Date:	7/9/2021	Analysis D	Date: 7/	12/2021	S	SeqNo: 2	804627	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	nofluorobenzene	0.99		1.000		98.7	70	130			
Sample ID:	LCS-61219	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batcl	h ID: 61	219	F	RunNo: 7	9735				
Prep Date:	7/9/2021	Analysis D	Date: 7/	12/2021	Ş	SeqNo: 2	804628	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		1.0	0.025	1.000	0	99.6	80	120			
Toluene		1.0	0.050	1.000	0	100	80	120			
Ethylbenzene		1.0	0.050	1.000	0	101	80	120			
Xylenes, Total		3.0	0.10	3.000	0	101	80	120			
Surr: 4-Brom	nofluorobenzene	1.1		1.000		106	70	130			
Sample ID:	mb-61227	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batcl	h ID: 61	227	F	RunNo: 7	9725				
Prep Date:	7/10/2021	Analysis D	Date: 7/	12/2021	S	SeqNo: 2	804759	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	nofluorobenzene	1.1		1.000		114	70	130			
Sample ID:	lcs-61227	SampT	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batcl	h ID: 61	227	F	RunNo: 7	9725				
Prep Date:	7/10/2021	Analysis E	Date: 7/	12/2021	S	SeqNo: 2	804760	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.95	0.025	1.000	0	95.2	80	120			
Toluene		0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene		0.98	0.050	1.000	0	98.2	80	120			
Xylenes, Total		3.0	0.10	3.000	0	98.4	80	120			
Surr: 4-Brom	nofluorobenzene	1.2		1.000		116	70	130			

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

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

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

GHD Midland
Yates As Fec Battery

Sample ID: 2107397-014ams	SampT	SampType: MS TestCode: EPA Method 8021B: Volatiles								
Client ID: TP20-2	Batcl	h ID: 612	227	R	unNo: 7 9	9725				
Prep Date: 7/10/2021	Analysis D	Date: 7/	12/2021	S	eqNo: 2	804761	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9728	0	97.2	80	120			
Toluene	0.98	0.049	0.9728	0	101	80	120			
Ethylbenzene	1.0	0.049	0.9728	0	103	80	120			
Xylenes, Total	3.0	0.097	2.918	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.1		0.9728		114	70	130			
	7-014amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles									
Sample ID: 2107397-014amsd	SampT	ype: MS	D	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Sample ID: 2107397-014amsd	SampT Batcl	ype: MS h ID: 61 2	SD 227	Tes R	tCode: EF	PA Method 9725	8021B: Volat	iles		
Sample ID: 2107397-014amsd Client ID: TP20-2 Prep Date: 7/10/2021	SampT Batcl Analysis D	⁻ ype: MS n ID: 61 2 Date: 7/	SD 227 12/2021	Tes R S	tCode: EF tunNo: 79 GeqNo: 28	PA Method 9725 804762	8021B: Volat	tiles Kg		
Sample ID: 2107397-014amsd Client ID: TP20-2 Prep Date: 7/10/2021 Analyte	SampT Batcl Analysis D Result	⁻ ype: MS n ID: 612 Date: 7/ PQL	5D 227 12/2021 SPK value	Tes R S SPK Ref Val	tCode: EF tunNo: 79 SeqNo: 28 %REC	PA Method 9725 804762 LowLimit	8021B: Volat Units: mg/K HighLimit	iiles Sg %RPD	RPDLimit	Qual
Sample ID: 2107397-014amsd Client ID: TP20-2 Prep Date: 7/10/2021 Analyte Benzene	SampT Batcl Analysis E Result 0.94	Type: MS In ID: 61 2 Date: 7 / PQL 0.025	5D 227 12/2021 SPK value 0.9911	Tes R S SPK Ref Val 0	tCode: EF RunNo: 79 GeqNo: 28 %REC 95.2	PA Method 9725 804762 LowLimit 80	8021B: Volat Units: mg/K HighLimit 120	Sg %RPD 0.227	RPDLimit 20	Qual
Sample ID: 2107397-014amsd Client ID: TP20-2 Prep Date: 7/10/2021 Analyte Benzene Toluene	SampT Batcl Analysis D Result 0.94 0.96	Type: MS n ID: 612 Date: 7/ PQL 0.025 0.050	5D 227 12/2021 SPK value 0.9911 0.9911	Tes R SPK Ref Val 0 0	tCode: EF tunNo: 79 SeqNo: 28 %REC 95.2 97.3	PA Method 9725 804762 LowLimit 80 80	8021B: Volat Units: mg/K HighLimit 120 120	tiles 5g %RPD 0.227 1.36	RPDLimit 20 20	Qual
Sample ID: 2107397-014amsd Client ID: TP20-2 Prep Date: 7/10/2021 Analyte Benzene Toluene Ethylbenzene	SampT Batcl Analysis D Result 0.94 0.96 1.0	Type: MS n ID: 612 Date: 7/ PQL 0.025 0.050 0.050	5D 227 12/2021 SPK value 0.9911 0.9911 0.9911	Tes R SPK Ref Val 0 0 0 0	tCode: EF RunNo: 7 SeqNo: 2 %REC 95.2 97.3 101	PA Method 9725 804762 LowLimit 80 80 80	8021B: Volat Units: mg/K HighLimit 120 120 120	5g %RPD 0.227 1.36 0.147	RPDLimit 20 20 20	Qual
Sample ID: 2107397-014amsd Client ID: TP20-2 Prep Date: 7/10/2021 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batcl Analysis E Result 0.94 0.96 1.0 3.0	Type: MS n ID: 612 Date: 7/ PQL 0.025 0.050 0.050 0.099	5D 227 12/2021 SPK value 0.9911 0.9911 0.9911 2.973	Tes R SPK Ref Val 0 0 0 0 0	tCode: EF 2unNo: 7 3eqNo: 2 36 8 8 95.2 97.3 101 102	PA Method 9725 804762 LowLimit 80 80 80 80 80	8021B: Volat Units: mg/K HighLimit 120 120 120 120	5g %RPD 0.227 1.36 0.147 0.131	RPDLimit 20 20 20 20 20	Qual

Qualifiers:

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

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

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WO#: 2107397

19-Jul-21

Client Name: Received By: Completed By: Reviewed By: <u>Chain of Cust</u> 1. Is Chain of Cu 2. How was the s	GHD Midland Cheyenne Cason	Work Order Numbe	er: 210			Sample Log-In Check List			
Received By: Completed By: Reviewed By: Chain of Cust 1. Is Chain of Cu 2. How was the s	Cheyenne Cason		HD Midland Work Order Number: 2107397				RcptNo: 1		
Completed By: Reviewed By: <u>Chain of Cust</u> 1. Is Chain of Cu 2. How was the s	and the second second	7/9/2021 7:15:00 AM	6		Chen	ı			
Reviewed By: <u>Chain of Cust</u> 1. Is Chain of Cu 2. How was the s	Sean Livingston	7/9/2021 9:52:57 AM	Ê.		<	1	and the second sec		
Chain of Cust 1. Is Chain of Cu 2. How was the s	JR719/21),	~~~			
 Is Chain of Cu How was the s 	ody								
2 How was the s	stody complete?		Yes	V	No		Not Present		
4.	ample delivered?		Cou	rier					
Log In 3. Was an attemu	ot made to cool the sample	22	Vac		No				
in the encodering		5.1	103						
4. Were all samp	es received at a temperatu	re of >0° C to 6.0°C	Yes		No				
5. Sample(s) in p	roper container(s)?		Yes	<	No				
6. Sufficient samp	ble volume for indicated test	(s)?	Yes		No				
7. Are samples (e	xcept VOA and ONG) prop	erly preserved?	Yes	~	No				
8. Was preservati	ve added to bottles?		Yes		No		NA 🗌		
9. Received at lea	est 1 vial with headspace <1	/4" for AQ VOA?	Yes		No		NA 🗹		
10. Were any sam	ple containers received bro	ken?	Yes		No		# of preserved		
11. Does paperwor	k match bottle labels?		Yes	~	No		bottles checked for pH:		
12. Are matrices co	prrectly identified on Chain of	of Custody?	Yes		No		Adjusted?		
13. Is it clear what	analyses were requested?		Yes	~	No		in the		
14. Were all holdin (If no, notify cu	g times able to be met? stomer for authorization.)		Yes		No		Checked by: 12717 7/9/		
Special Handli	ng (if applicable)								
15. Was client not	ified of all discrepancies wit	h this order?	Yes		No		NA 🔽		
Person N	Notified:	Date:							
By Whor	n:	Via:	eM	ail	Phone	Fax	In Person		
Regardir	ng:								
Client In:	structions:								
16. Additional rem	narks:								
17. <u>Cooler Inforn</u> Cooler No 1	Temp °C Condition 5.9 Good	Seal Intact Seal No	Seal D	ate	Signed	Ву			

.

Page 1 of 1

ent: GHD			
	Project Name:	ANALYSIS LABORATO	RY A
ig Address:	lates AC F. R.H.	www.hallenvironmental.com	C <i>D</i> :
V. Main St. Suite 108, Artesia NM 88210	Project #:	4901 Hawkins NE - Albuquerque, NM 87109	31 4
e #: (505)377-4218	12281201	Tel. 505-345-3975 Fax 505-345-4107	/202
or Fax#: Becky Haskell@ghd.com	Project Manager	Analysis Request	
C Package:	Recky Haskall	s (100 (100 (100 (100 (100))((100))((100))((100))((100))((.50.
andard Level 4 (Full Validation)	Tom Larson	Vpze Vpze SIW2 SIW2 SIW2 SIW2 SIW2 SIW2 SIW2 SIW2	25 1
editation: Az Compliance	Sampler: Zach Comino	3-С зени/ 1) 1) 1) 1) 1) 1) 1) 1) 1)	1/1
	On Ice: X Yes D No	Г 1 1 1 2004. 200	_
	# of Coolers: 2 See Pends	, , , , , , , , , , , , , ,	
Time Matrix Sample Name	Container Preservative HEAL No.	4 H:80 751 H:80 751 H:8	
A CAS S TPR-1	T 1.072 1.0739	н 1 1 1 1 1 1 1 1 1 1 1 1 1	
6.897 1 280		8	
0830 179.2		R J	
0840 17912-7	8		
Obs TPIC-IC	8		
C915 1PIG-20			
2945 TP14-16		90	
Kero 77914-20			
1050 1792-16	3		
1100 TA2-20	0		
1230 TP9-S			
1240 V 11219-2	× 01		-
and Zad Course Alle	CONTATATO 18 21 80	Remarks: Please email: Chase_Settle@eogresources. Tom.Larson@ghd.com; Zach.Comino@ahd.com: Alono	m; ith
Time: Relinquished by: R	eceived by: Via: Date Time	Becky Haskell listed above	rag
1900 adurundo e la Contra C	ie com 7/9/4 0119	$\eta_{s} = \eta_{s} + \sigma = \eta_{s} + \sigma = 0$ Durect Bill to EOG Chase Settle	50 120

HALL ENVIRONMENTAL	AWALTSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	lel. 505-345-3975 Fax 505-345-4107	Analysis Kequest	s SO, SO, SO, SO, SO, SO, SO, SO, SO, SO,		тмв'я 10-1 82705	es/8 (Pr (Pr (Pr (Pr (Pr (Pr	MTB sticid sticid 831 Mets 831 Mota N-im Mota N-im Mota	TEX / PH:807 PH:807 PHS by PHS by	80 EI 60 SS 85 CO	9							2		8		Remarks: Please email: Chase_Settle@eogresources.com;	1 om.Larson@ghd.com; Zach.Comino@ghd.com: Along with <i>q -d こら.4</i> Becky Haskell listed above.	・チュロット、Direct Bill to EOG Chase Settle
Turn-Around Time:	Project Name:	Khe AS G DH	Project #:	Interil	Project Manager	Becky Haskell	Tom Larson	Sampler: Zach Comino	# of Coolers: 7	Cooler Temp(mauding cr): See Pervice	Container Preservative HEAL No. Type and # Type	T	013	500	015	0/6	014		223		021	N23	W 020	Received by: Via: Date Time	VINULUUU 1/12/ 800	Le Cour 7/9/21 0715 4
Client: GHD		Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Becky.Haskell@ghd.com	QAVQC Package:	Standard	Accreditation:	EDD (Type)		Date Time Matrix Sample Name	Sional 1250 5 11220-5	1315 TPD0-2	1205 121-7	0121 C121	1350 1721-15	1400 TP7-70	1505 TP1-8	1520 TP1-12	IS45 TA0-12	1600 T1210.14	1005 TP22-S	V 1615 V TT22-2	Date: Itme: Reinquished by:	Date: Time: Relinquished by: R	18/21/19.00 C.C.C.L.L.L.L.

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Received by OCD: 5/27/2022 2:56:23 PM_



July 15, 2021

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

RE: Yates As Fee Battery

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

OrderNo.: 2107396

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/9/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis La	boratory,	Inc.			A L L	Analytical Report ab Order: 2107396 Date Reported: 7/15/	2021
CLIENT:GHD MidlandProject:Yates As Fee Battery				I	.ab O	Order: 21073	96
Lab ID: 2107396-001		С	ollecti	on Date	: 7/8	3/2021 7:20:00 AM	
Client Sample ID: TP23-S				Matrix	s: SO	DIL	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Ana	lyst: VP
Chloride	ND	61		mg/Kg	20	7/14/2021 4:24:23	AM 61269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Ana	lvst: SB
Diesel Range Organics (DRO)	ND	9.8		ma/Ka	1	7/13/2021 10:42:45	PM 61232
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/13/2021 10:42:45	PM 61232
Surr: DNOP	84.3	70-130		%Rec	1	7/13/2021 10:42:45	PM 61232
FPA METHOD 8015D: GASOLINE RANGE						Ana	lvst: NSB
Gasoline Range Organics (GRO)	ND	48		ma/Ka	1	7/12/2021 1:07:25 F	PM 61219
Surr: BFB	97.6	70-130		%Rec	1	7/12/2021 1:07:25 F	PM 61219
FPA METHOD 8021B: VOLATILES						Ana	lvst: NSB
Benzene	ND	0 024		ma/Ka	1	7/12/2021 1:07:25	DM 61210
		0.024		ma/Ka	1	7/12/2021 1:07:25	DM 61210
Ethylbenzene	ND	0.048		ma/Ka	1	7/12/2021 1:07:25 F	PM 61219
Xvlenes, Total	ND	0.096		ma/Ka	1	7/12/2021 1:07:25 F	PM 61219
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/12/2021 1:07:25 F	PM 61219
Lab ID: 2107396-002		C	ollecti	on Date	: 7/8	3/2021 7:25:00 AM	
Client Sample ID: TP23-2				Matrix	s: SO	OIL	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Ana	lyst: VP
Chloride	ND	60		mg/Kg	20	7/14/2021 4:36:47 Å	AM 61269
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Ana	lyst: SB
Diesel Range Organics (DRO)	ND	9.5		ma/Ka	1	7/13/2021 12:16:45	PM 61232
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2021 12:16:45	PM 61232
Surr: DNOP	74.3	70-130		%Rec	1	7/13/2021 12:16:45	PM 61232
EPA METHOD 8015D: GASOLINE RANGE						Ana	lyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		ma/Ka	1	7/12/2021 1:31:09 F	PM 61219
Surr: BFB	97.7	70-130		%Rec	1	7/12/2021 1:31:09 F	PM 61219
EPA METHOD 8021B: VOLATILES						Ana	lyst: NSB
Benzene	ND	0.025		mg/Ka	1	7/12/2021 1:31:09 F	PM 61219
Toluene	ND	0.050		mg/Ka	1	7/12/2021 1:31:09 F	PM 61219
Ethylbenzene	ND	0.050		mg/Kg	1	7/12/2021 1:31:09 F	PM 61219
Xylenes, Total	ND	0.10		mg/Kg	1	7/12/2021 1:31:09 F	PM 61219
				- 5			

* Value exceeds Maximum Contaminant Level. Qualifiers:

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank В Е

Value above quantitation range

Analyte detected below quantitation limits J

Sample pH Not In Range Р

RL Reporting Limit Page 1 of 6

		Analytical Report Lab Order: 2107396					
Hall Envi	ronmental Analysis Laboratory, Inc.	Date Report	rted: 7/15/2021				
CLIENT:	GHD Midland	Lab Order:	2107396				
Project:	Yates As Fee Battery						

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

Qualifiers:

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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix s

Е Value above quantitation range

Analyte detected in the associated Method Blank

- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

в

Page 2 of 6

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*

Client: Project:	GHD M Yates A	Midland As Fee Batter	У								
Sample ID:	MB-61269	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	n ID: 61	269	F	RunNo: 79	9769				
Prep Date:	7/13/2021	Analysis D	ate: 7/	14/2021	S	SeqNo: 28	306234	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-61269	SampT	ype: LC	S	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	1D: 61	269	F	RunNo: 7 9	9769				
Prep Date:	7/13/2021	Analysis D	ate: 7/	14/2021	S	SeqNo: 28	306235	Units: mg/K	g		
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			

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

2107396

15-Jul-21

WO#:

Page	<i>134</i>	of 544

Hall Env	Hall Environmental Analysis Laboratory, Inc.							
Client:	GHD Midland							

Client: GHD Mi	idland									
Project: Yates As	s Fee Batter	ry								
Sample ID: MB-61232	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 61	232	F	RunNo: 7	9755				
Prep Date: 7/12/2021	Analysis D	Date: 7/	13/2021	S	SeqNo: 2	805596	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	9.0		10.00		89.8	70	130			
Sample ID: LCS-61232	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 61	232	F	RunNo: 7	9755				
Prep Date: 7/12/2021	Analysis D	Date: 7/	13/2021	5	SeqNo: 2	805597	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	93.1	68.9	141			
Surr: DNOP	4.6		5.000		91.7	70	130			

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

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

Page 4 of 6

Client: G	HD Midland									
Project: Y	ates As Fee Batter	у								
Sample ID: mb-61219	SampTy	ype: ME	BLK	Test	tCode: EF	PA Method	8015D: Gaso	line Range	e	
Client ID: PBS	Batch	ID: 612	219	R	unNo: 7 9	9735				
Prep Date: 7/9/2021	Analysis Da	ate: 7/	12/2021	S	eqNo: 2	304597	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (C	RO) ND	5.0								
Surr: BFB	960		1000		95.6	70	130			
Sample ID: Ics-61219	SampTy	ype: LC	S	Test	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch	ID: 612	219	R	unNo: 79	9735				
Prep Date: 7/9/2021	Analysis Da	ate: 7/	12/2021	S	eqNo: 2	304598	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (C	GRO) 23	5.0	25.00	0	93.5	78.6	131			
Surr: BFB	1100		1000		108	70	130			

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

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

Page 5 of 6

2107396

15-Jul-21

WO#:

	WO#:	2107396
Iall Environmental Analysis Laboratory, Inc.		15-Jul-21

Client: GH	D Midland									
Project: Yate	es As Fee Batte	ry								
Sample ID: mb-61219	Samp	SampType: MBLK			tCode: El	iles				
Client ID: PBS	Batc	Batch ID: 61219			RunNo: 7 9					
Prep Date: 7/9/2021	Analysis [Date: 7/	12/2021	5	SeqNo: 2	804627	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	0.99		1.000		98.7	70	130			
Sample ID: LCS-61219	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 61	219	F	RunNo: 7	9735				
Prep Date: 7/9/2021	Analysis [Date: 7/	12/2021	5	SeqNo: 2	804628	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	99.6	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

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

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

Page 6 of 6

Page	12	7 .	f 5	11
ruge	13	10	1 J	44

HALL ENVIRO ANALY LABOR	DNMENT. SIS ATORY	AL	Hal TEI Wi	l Environmei L: 505-345-3 ebsite: client	ntal Analy 490 Albuquero 975 FAX: s.hallenvi	sis Lab 01 Haw nue, NM 505-34 ronment	oratory kins NE 1 87109 5-4107 tal.com	Sar	nple Log-In Check List
Client Name:	GHD Midla	nd	Work	Order Num	ber: 210	7396	-		RcptNo: 1
Received By:	Cheyenne	e Cason	7/9/202	1 7:15:00 A	м		Chan	V	
Completed By:	Sean Livi	ngston	7/9/202	1 9:49:10 A	м		S.	_1	not
Reviewed By:	spa	7.9.21	l.						
Chain of Cust	ody								
1. Is Chain of Cu	stody comp	lete?			Yes	\checkmark	No		Not Present
2. How was the s	ample deliv	vered?			Cou	rier			
<u>Log In</u>									
3. Was an attemp	ot made to d	cool the sample	es?		Yes	~	No		
4. Were all sampl	es received	l at a temperat	ure of >0° C t	o 6.0°C	Yes	~	No		
5. Sample(s) in p	roper conta	iner(s)?			Yes		No		
6. Sufficient samp	ole volume f	or indicated te	st(s)?		Yes		No		
7. Are samples (e	xcept VOA	and ONG) pro	perly preserve	d?	Yes	\checkmark	No		
8. Was preservati	ve added to	bottles?			Yes		No	~	NA 🗆
9. Received at lea	ist 1 vial wit	h headspace <	1/4" for AQ V	OA?	Yes		No		NA 🗹
10. Were any sam	ple containe	ers received br	oken?		Yes		No	~	# of preserved
11.Does paperwor (Note discrepar	k match bo ncies on cha	ttle labels? ain of custody)			Yes		No		bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices co	prrectly iden	tified on Chain	of Custody?		Yes	\checkmark	No		Adjusted?
3. Is it clear what	analyses we	ere requested?			Yes	V	No		
14. Were all holding (If no, notify cus	g times able stomer for a	e to be met? authorization.)			Yes		No		Checked by: JP 7(9/2/
Special Handlii	ng (if app	olicable)							
15. Was client noti	ified of all d	iscrepancies w	ith this order?		Yes		No		NA 🗹
Person N	lotified:	1		Date	-			-	
By Whor	n:			Via:	eM	ail 🗌	Phone	Fax	🗌 In Person
Regardin	ig:	[
Client Ins	structions:								
16. Additional rem	narks:								
17. <u>Cooler Inform</u> Cooler No	nation Temp ºC	Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву	
1	5.9	Good							
2	4.8	Good							

Page 1 of 1

Received by OCD: 5/27/2022 2:56:23 PM

Received by OC	C D: 5/27/.	2022 2.	56:23 PM							Page 138 of 544
HALL ENVIRONMENTAL	www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	AB's (8021) AB's	BE / TN (GRO / Г 10 ог 82 1315 10 ог 82 1315 10 3, ИО (AOA) та (Ргез М. 1	BTEX / MT TPH:8015Dd 8081 Pestic PAHs by 83 RCRA 8 Me CI, F, Br, <i>N</i> 8260 (VOA) 8260 (VOA) 8270 (Semi- 70tal Colifor	2 2 2	R R R			Remarks: Please and Zad countro CAN. can alay with others lish done Direct Bill to EOG duce SAL possibility. Any sub-contracted data will be clearly notated on the analytical report
Turn-Around Time:	Le AS Re Battery	11228401	Project Manager: Red Haskell Tour Lowson	Sampler: Could Aven the Avenuation On Ice: D Yes D No # of Coolers: 2 5.4 - 0.25.01	Cooler Temp(Including CF): 4(.) - 0 = 4(S) (°C) Container Type and # Type	dar 001	× 005			Received by: Via: Date Time Received by: Via: Date Time Received by: Via: Date Time Date Time Time Currected to other accredited laboratories. This serves as notice of this t
Client: AD	Mailing Address:	Phone #: (505) 377-4218	and and the second of the seco	NELAC Dether Dether	Date Time Matrix Sample Name	0108U (DIZO \$ TPZS-S	& ORS & TP73-2			Date: Time: Relinquished by: Date: Time: Relinquished by: Alate: Relinquished by: Alate: Color If necessary, samples submitted to Hall Environmental may be subco



March 15, 2022

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

RE: Yates AS FEE Battery

OrderNo.: 2203658

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 7 sample(s) on 3/11/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203658

Date Reported: 3/15/2022

CLIENT:	GHD Midland	Client Sample ID: TP24-8					
Project:	Yates AS FEE Battery		Collection Date: 3/10/2022 9:00:00 AM				
Lab ID:	2203658-001	Matrix: MEOH (SOIL)	Received Date: 3/11/2022 8:00:00 AM				

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	420	60		mg/Kg	20	3/11/2022 11:33:17 AM	66119
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	том
Diesel Range Organics (DRO)	1300	100		mg/Kg	10	3/11/2022 11:19:43 AM	66112
Motor Oil Range Organics (MRO)	540	500		mg/Kg	10	3/11/2022 11:19:43 AM	66112
Surr: DNOP	0	51.1-141	S	%Rec	10	3/11/2022 11:19:43 AM	66112
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	310	13		mg/Kg	5	3/11/2022 12:14:00 PM	66069
Surr: BFB	432	70-130	S	%Rec	5	3/11/2022 12:14:00 PM	66069
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	1.2	0.063		mg/Kg	5	3/11/2022 12:14:00 PM	66069
Toluene	ND	0.13		mg/Kg	5	3/11/2022 12:14:00 PM	66069
Ethylbenzene	7.9	0.13		mg/Kg	5	3/11/2022 12:14:00 PM	66069
Xylenes, Total	17	0.25		mg/Kg	5	3/11/2022 12:14:00 PM	66069
Surr: 4-Bromofluorobenzene	213	70-130	S	%Rec	5	3/11/2022 12:14:00 PM	66069

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203658

Date Reported: 3/15/2022

CLIENT:	GHD Midland	Client Sample ID: TP24-10				
Project:	Yates AS FEE Battery		Collection Date: 3/10/2022 9:05:00 AM			
Lab ID:	2203658-002	Matrix: MEOH (SOIL)	Received Date: 3/11/2022 8:00:00 AM			

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	450	61		mg/Kg	20	3/11/2022 11:45:39 AM	66119
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: JME
Diesel Range Organics (DRO)	2900	94		mg/Kg	10	3/11/2022 10:25:15 AM	66112
Motor Oil Range Organics (MRO)	1300	470		mg/Kg	10	3/11/2022 10:25:15 AM	66112
Surr: DNOP	0	51.1-141	S	%Rec	10	3/11/2022 10:25:15 AM	66112
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	350	17		mg/Kg	5	3/11/2022 12:34:00 PM	66069
Surr: BFB	516	70-130	S	%Rec	5	3/11/2022 12:34:00 PM	66069
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	2.5	0.087		mg/Kg	5	3/11/2022 12:34:00 PM	66069
Toluene	0.23	0.17		mg/Kg	5	3/11/2022 12:34:00 PM	66069
Ethylbenzene	9.8	0.17		mg/Kg	5	3/11/2022 12:34:00 PM	66069
Xylenes, Total	21	0.35		mg/Kg	5	3/11/2022 12:34:00 PM	66069
Surr: 4-Bromofluorobenzene	193	70-130	S	%Rec	5	3/11/2022 12:34:00 PM	66069

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

Qualifiers:

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

Lab Order 2203658

Date Reported: 3/15/2022

CLIENT:	GHD Midland	Client Sample ID: TP24-12
Project:	Yates AS FEE Battery	Collection Date: 3/10/2022 9:10:00 AM
Lab ID:	2203658-003	Matrix: MEOH (SOIL) Received Date: 3/11/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	1100	60		mg/Kg	20	3/11/2022 11:57:59 AM	66119
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	JME
Diesel Range Organics (DRO)	3700	94		mg/Kg	10	3/11/2022 10:35:59 AM	66112
Motor Oil Range Organics (MRO)	1400	470		mg/Kg	10	3/11/2022 10:35:59 AM	66112
Surr: DNOP	0	51.1-141	S	%Rec	10	3/11/2022 10:35:59 AM	66112
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	540	19		mg/Kg	5	3/11/2022 12:54:00 PM	66069
Surr: BFB	379	70-130	S	%Rec	5	3/11/2022 12:54:00 PM	66069
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	3.5	0.096		mg/Kg	5	3/11/2022 12:54:00 PM	66069
Toluene	ND	0.19		mg/Kg	5	3/11/2022 12:54:00 PM	66069
Ethylbenzene	11	0.19		mg/Kg	5	3/11/2022 12:54:00 PM	66069
Xylenes, Total	21	0.38		mg/Kg	5	3/11/2022 12:54:00 PM	66069
Surr: 4-Bromofluorobenzene	206	70-130	S	%Rec	5	3/11/2022 12:54:00 PM	66069

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

Qualifiers:

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

Lab Order 2203658

Date Reported: 3/15/2022

CLIENT:	GHD Midland	(Client Sample ID: TP24-14
Project:	Yates AS FEE Battery		Collection Date: 3/10/2022 9:15:00 AM
Lab ID:	2203658-004	Matrix: MEOH (SOIL)	Received Date: 3/11/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	1400	60		mg/Kg	20	3/11/2022 12:10:19 PM	66119
EPA METHOD 8015M/D: DIESEL RANGE ORC	GANICS					Analyst	JME
Diesel Range Organics (DRO)	810	90		mg/Kg	10	3/11/2022 10:46:41 AM	66112
Motor Oil Range Organics (MRO)	470	450		mg/Kg	10	3/11/2022 10:46:41 AM	66112
Surr: DNOP	0	51.1-141	S	%Rec	10	3/11/2022 10:46:41 AM	66112
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	67	20		mg/Kg	5	3/11/2022 1:13:00 PM	66069
Surr: BFB	209	70-130	S	%Rec	5	3/11/2022 1:13:00 PM	66069
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	0.35	0.10		mg/Kg	5	3/11/2022 1:13:00 PM	66069
Toluene	ND	0.20		mg/Kg	5	3/11/2022 1:13:00 PM	66069
Ethylbenzene	2.6	0.20		mg/Kg	5	3/11/2022 1:13:00 PM	66069
Xylenes, Total	1.3	0.40		mg/Kg	5	3/11/2022 1:13:00 PM	66069
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	5	3/11/2022 1:13:00 PM	66069

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

Qualifiers:

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

Lab Order 2203658

Date Reported: 3/15/2022

CLIENT:	GHD Midland	С	lient Sample ID: TP24-16
Project:	Yates AS FEE Battery		Collection Date: 3/10/2022 9:20:00 AM
Lab ID:	2203658-005	Matrix: MEOH (SOIL)	Received Date: 3/11/2022 8:00:00 AM

st: LRN M 66119 st: JME
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st: JME
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st: RAA
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

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

Lab Order 2203658

Date Reported: 3/15/2022

CLIENT:	GHD Midland	С	lient Sample ID: TP24-18
Project:	Yates AS FEE Battery		Collection Date: 3/10/2022 9:25:00 AM
Lab ID:	2203658-006	Matrix: MEOH (SOIL)	Received Date: 3/11/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	1200	60		mg/Kg	20	3/11/2022 12:59:42 PM	66119
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	JME
Diesel Range Organics (DRO)	300	9.7		mg/Kg	1	3/11/2022 9:42:09 AM	66112
Motor Oil Range Organics (MRO)	120	48		mg/Kg	1	3/11/2022 9:42:09 AM	66112
Surr: DNOP	112	51.1-141		%Rec	1	3/11/2022 9:42:09 AM	66112
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	17		mg/Kg	5	3/11/2022 1:53:00 PM	66069
Surr: BFB	133	70-130	S	%Rec	5	3/11/2022 1:53:00 PM	66069
EPA METHOD 8021B: VOLATILES						Analyst	: RAA
Benzene	ND	0.083		mg/Kg	5	3/11/2022 1:53:00 PM	66069
Toluene	ND	0.17		mg/Kg	5	3/11/2022 1:53:00 PM	66069
Ethylbenzene	ND	0.17		mg/Kg	5	3/11/2022 1:53:00 PM	66069
Xylenes, Total	ND	0.33		mg/Kg	5	3/11/2022 1:53:00 PM	66069
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	5	3/11/2022 1:53:00 PM	66069

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203658

Date Reported: 3/15/2022

CLIENT:	GHD Midland	С	lient Sample ID: TP24-20
Project:	Yates AS FEE Battery		Collection Date: 3/10/2022 9:30:00 AM
Lab ID:	2203658-007	Matrix: MEOH (SOIL)	Received Date: 3/11/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	1200	60		mg/Kg	20	3/11/2022 1:12:03 PM	66119
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	JME
Diesel Range Organics (DRO)	530	50		mg/Kg	5	3/11/2022 11:31:06 AM	66112
Motor Oil Range Organics (MRO)	280	250		mg/Kg	5	3/11/2022 11:31:06 AM	66112
Surr: DNOP	88.9	51.1-141		%Rec	5	3/11/2022 11:31:06 AM	66112
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	20	19		mg/Kg	5	3/11/2022 2:52:00 PM	66069
Surr: BFB	151	70-130	S	%Rec	5	3/11/2022 2:52:00 PM	66069
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.094		mg/Kg	5	3/11/2022 2:52:00 PM	66069
Toluene	ND	0.19		mg/Kg	5	3/11/2022 2:52:00 PM	66069
Ethylbenzene	0.39	0.19		mg/Kg	5	3/11/2022 2:52:00 PM	66069
Xylenes, Total	ND	0.38		mg/Kg	5	3/11/2022 2:52:00 PM	66069
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	5	3/11/2022 2:52:00 PM	66069

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

Qualifiers:

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

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Client: Project:	GHD N Yates A	/lidland AS FEE Batte	ry								
Sample ID:	MB-66119	SampTy	/pe: m t	olk	Test	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	ID: 66	119	R	unNo: 86	6446				
Prep Date:	3/11/2022	Analysis Da	ate: 3/	11/2022	S	eqNo: 30	049910	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-66119	SampTy	/pe: Ics	5	Test	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 66	119	R	unNo: 86	6446				
Prep Date:	3/11/2022	Analysis Da	ate: 3/	11/2022	S	eqNo: 30	049911	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.7	90	110			

Qualifiers:

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

2203658

15-Mar-22

Client: GHD I	Midland									
Project: Yates	AS FEE Batt	ery								
Sample ID: MB-66112	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batcl	n ID: 66	112	F	RunNo: 8	6399				
Prep Date: 3/11/2022	Analysis D	Date: 3/	11/2022	S	SeqNo: 3	047706	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.1		10.00		81.4	51.1	141			
Sample ID: LCS-66112	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batcl	n ID: 66	112	F	RunNo: 8	6399				
Prep Date: 3/11/2022	Analysis D	Date: 3/	11/2022	S	SeqNo: 3	047776	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.9	68.9	135			
Surr: DNOP	4.0		5.000		79.5	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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2203658

15-Mar-22

1

Client:	GHD Midland									
Project:	Yates AS FEE Batter	У								
Sample ID: Ics-6606	9 SampTy	pe: LC	s	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch	ID: 66	069	F	RunNo: 8	6409				
Prep Date: 3/9/202	2 Analysis Da	te: 3/	11/2022	5	SeqNo: 3	048222	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	(GRO) 30	5.0	25.00	0	118	78.6	131			
Surr: BFB	2300		1000		229	70	130			S
Sample ID: mb-6606	9 SampTy	pe: M I	BLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: PBS	Batch	ID: 66	069	F	RunNo: 8	6409				
Prep Date: 3/9/202	2 Analysis Da	te: 3/	11/2022	5	SeqNo: 3	048223	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	(GRO) ND	5.0								
Surr: BFB	1000		1000		102	70	130			

Qualifiers:

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

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2203658

15-Mar-22

GHD Midland

Yates AS FEE Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Sample ID: Ics-66069	SampT	ype: LC	S	Tes	Code: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	n ID: 660)69	R	unNo: 86	6409				
Prep Date: 3/9/2022	Analysis D	ate: 3/	11/2022	S	eqNo: 30	048229	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	87.2	80	120			
Ethylbenzene	0.88	0.050	1.000	0	88.0	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.9	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.8	70	130			
Sample ID: mb-66069	SampT	ype: ME	LK	Tes	Code: EF	PA Method	8021B: Volat	iles		
Sample ID: mb-66069 Client ID: PBS	SampT Batch	'ype: ME n ID: 660	69	Tesi R	Code: EF	PA Method 6409	8021B: Volat	iles		
Sample ID: mb-66069 Client ID: PBS Prep Date: 3/9/2022	SampT Batch Analysis D	[:] ype: ME n ID: 660 Pate: 3/	6LK 069 11/2022	Tesi R S	Code: EF unNo: 86 eqNo: 30	PA Method 5409 048230	8021B: Volat	iles Ig		
Sample ID: mb-66069 Client ID: PBS Prep Date: 3/9/2022 Analyte	SampT Batch Analysis D Result	[:] ype: ME n ID: 660 Date: 3/ PQL	BLK 069 11/2022 SPK value	Tesi R SPK Ref Val	Code: EF unNo: 86 eqNo: 30 %REC	PA Method 5409 048230 LowLimit	8021B: Volat Units: mg/K HighLimit	iles (g %RPD	RPDLimit	Qual
Sample ID: mb-66069 Client ID: PBS Prep Date: 3/9/2022 Analyte Benzene	SampT Batch Analysis D Result ND	ype: ME ID: 660 Date: 3/ PQL 0.025	6LK 069 11/2022 SPK value	Tesi R S SPK Ref Val	Code: EF unNo: 86 eqNo: 30 %REC	PA Method 6409 048230 LowLimit	8021B: Volat Units: mg/K HighLimit	iles Sg %RPD	RPDLimit	Qual
Sample ID: mb-66069 Client ID: PBS Prep Date: 3/9/2022 Analyte Benzene Toluene	SampT Batch Analysis D Result ND ND	ype: ME D ID: 660 Date: 3/ PQL 0.025 0.050	6LK 069 11/2022 SPK value	Tesi R SPK Ref Val	Code: EF tunNo: 86 teqNo: 30 %REC	PA Method 5409 048230 LowLimit	8021B: Volat Units: mg/K HighLimit	iles Gg %RPD	RPDLimit	Qual
Sample ID: mb-66069 Client ID: PBS Prep Date: 3/9/2022 Analyte Benzene Toluene Ethylbenzene	SampT Batch Analysis D Result ND ND ND	ype: ME D ID: 660 Date: 3/ PQL 0.025 0.050 0.050	SLK 069 11/2022 SPK value	Tesi R SPK Ref Val	Code: EF RunNo: 86 SeqNo: 30 %REC	PA Method 6409 048230 LowLimit	8021B: Volat Units: mg/K HighLimit	iles (g %RPD	RPDLimit	Qual
Sample ID: mb-66069 Client ID: PBS Prep Date: 3/9/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batch Analysis D Result ND ND ND ND	ype: ME Date: 3/ PQL 0.025 0.050 0.050 0.10	6LK 069 11/2022 SPK value	Tesi R SPK Ref Val	Code: EF RunNo: 86 GeqNo: 30 %REC	PA Method 6409 048230 LowLimit	8021B: Volat Units: mg/K HighLimit	iles (g %RPD	RPDLimit	Qual

Qualifiers:

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

- RL Reporting Limit

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WO#: 2203658

15-Mar-22

HALL ENVIE ANAL LABO	RONMENTAL YSIS RATORY	Hall Environme TEL: 505-345 Website: clien	ental Analy 490 Albuquero 3975 FAX: ts.hallenvi	rsis Labora 11 Hawkins 10e. NM 87 505-345-4 ronmental.e	tory NE 109 Sa 107 com	mple Log-In Che	ck List
Client Name:	GHD Midland	Work Order Num	nber: 220	3658		RcptNo: 1	
Received By:	Sean Livingston	3/11/2022 8:00:00	АМ		5-4	not	
Completed By:	Sean Livingston	3/11/2022 8:20:07	AM		\leq	land.	
Reviewed By:	The	3/11/20		0		2	
Chain of Cus	tody			0			
1. Is Chain of C	ustody complete?		Yes	V	No 🗌	Not Present	
2. How was the	sample delivered?		Cou	rier			
Log In						5.0-	
3. Was an atten	ppt made to cool the sam	oles?	Yes		No 🗌	NA 🗌	
4. Were all samp	ples received at a temper	ature of >0° C to 6.0°C	Yes		No 🗌		
5. Sample(s) in	proper container(s)?		Yes		No 🗌		
6. Sufficient sam	ple volume for indicated t	est(s)?	Yes		No 🗌		
7. Are samples (except VOA and ONG) p	operly preserved?	Yes		No 🗌		
8. Was preserva	tive added to bottles?		Yes		No 🔽	NA 🗌	
9. Received at le	ast 1 vial with headspace	<1/4" for AQ VOA?	Yes		No 🗌	NA 🔽	/
10. Were any san	nple containers received	proken?	Yes		No 🔽	# of preserved	/
11. Does paperwo (Note discreps	ork match bottle labels?	<i>d</i>	Yes	\checkmark	No 🗌	for pH:	unlass noted)
2. Are matrices of	correctly identified on Cha	in of Custody?	Yes		No 🗍	Adjusted?	unless noted)
3. Is it clear what	analyses were requested	1?	Yes		No 🗌		
14. Were all holdin (If no, notify cu	ng times able to be met? ustomer for authorization.)	Yes		No 🗌	Checked by:	2 Blultz
Special Handl	ing (if applicable)						
15. Was client no	tified of all discrepancies	with this order?	Yes		No 🗌	NA 🗹	
Person	Notified:	Date	1				
By Who	m:	Via:	🗌 eM	ail 🗌 Ph	one 🗌 Fa	x 🔲 In Person	
Regardi Client In	ng:						
16. Additional rer	narks:						
17. <u>Cooler Infor</u> Cooler No	mation Temp °C Condition	Seal Intact Seal No	Seal D	ate s	Signed By		
1	2.4 Good				- <u>g</u>		

Chain	D-lo-n	ustody Record	Turn-Arouno	Time:		and the second se							
Client: GHD		•••	□ Standard	d Rus	th Same day		A H		NN	IRC	Z	MENTAL	-
			Project Nam	ë	×		AIN	ALT	n N		5	RATOR	>
Mailing Addre	SS:		Yoto AS	Fee Batte	A.	4901 H	ww	W.naller	Inoniv	nental.	COM	0012	
324 W. Main (St. Suite 1	08, Artesia NM 88210	Project #:			Tal 50	C 3/C 3	076	anhnai	'anhis		1108	
Phone #:	(505)37	7-4218	[07822]]				0-040-0	Ana	Ivsis	Reduce	14-0	1	
email or Fax#.	Becky.F	Haskell@ghd.com	Project Mana	ager:			-	-					F
QA/QC Packag	ö		Becky Haske			NBC 021	S	DS -		tuəs			_
□ Standard		Level 4 (Full Validation)	Tom Larson			BCB V / C 8) s	WIS	۴Öd		dA	60		
Accreditation:	DAZO	ompliance	Sampler:	Zach Comir	0	NB ¹	۲) ۱)	09.1		luəs	5 1		
D NELAC	D Othe	9r	On Ice:	X Yes	D No) 8/s	.40 8 10	N		(A)	acy		_
EDD (Type			# of Coolers:	1		des GR	9 P	slsi O		i) u OA	421		_
			Cooler Temp	(Including CF);	いい よっとろいっと	MTI 5D(. 83 6410	ISM N	(AC	-im:	1 1		
Date Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	8081 Pe	M) 803 Wa sHA	8 ARD8	DV) 092	270 (Se	Chlorid		
006 420150	5	TP24-8	Jar		100	8	3	н С	8	8			
206 7TORO	ζ	01-4201	Jar		200	. 94	-			+			
031022 710	5	TP24-12	Jar		5.6			+		-			T
031042 315	5	TP24-14	Jar		HCC.		-	-		+			T
031022 720	ς	TP24-16	Jar		Sac	-		-	t	+			T
031022 925	5	TP24-18	Jac	Ì	NX.					-			T
031022 930	S	5P24-20	345		t 83		-	-	t	+			Ť
										+			T
										$\left \cdot \right $			Π
							+	+		-			1
							-	+		+			T
Date: Time:	M Holw	I CLEMENT MUDDWI CREW	Received by:	Via:	3 July2, 1420	Remarks: Tom.	Please Larson(email: 0 Øghd.c	Shase_	Settle(@eog	Jresources.com @ghd.com	- - -
Bate: Time:	Relinquish	ed by:	Received by:	Via:	Date Time 3/11/12 \$:00	Matthew	/.Laughl	in@ghc lis	fed ab	Along ove.	with	Becky Haskell	
If necessar	V, samples sub	omitted to Hall Environmental may be subco	ntracted to other ac	predited laboration	This				201	Cuase	190 a	9	Ì
		and the state of t	ווומרובת וה המומו הה	מ במוובת זמרתומוריווי	es. I nis serves as notice of this	oossibility. Any sub-	-contracted	data will b	e clearly i	notated or	n the a	alytical report.	



March 25, 2022

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

RE: Yates AT Fee Battery

OrderNo.: 2203746

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 23 sample(s) on 3/15/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-1	
Project:	Yates AT Fee Battery		(Collection Dat	e: 3/1	1/2022 8:00:00 AM	
Lab ID:	2203746-001	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM	
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		430	59	mg/Kg	20	3/20/2022 3:44:20 PM	66279
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.2	mg/Kg	1	3/17/2022 8:20:39 PM	66203
Motor Oi	il Range Organics (MRO)	ND	46	mg/Kg	1	3/17/2022 8:20:39 PM	66203
Surr: I	DNOP	94.8	51.1-141	%Rec	1	3/17/2022 8:20:39 PM	66203
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/16/2022 5:57:16 PM	66178
Surr: I	BFB	106	70-130	%Rec	1	3/16/2022 5:57:16 PM	66178
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/16/2022 5:57:16 PM	66178
Toluene		ND	0.049	mg/Kg	1	3/16/2022 5:57:16 PM	66178
Ethylben	nzene	ND	0.049	mg/Kg	1	3/16/2022 5:57:16 PM	66178
Xylenes,	, Total	ND	0.098	mg/Kg	1	3/16/2022 5:57:16 PM	66178
Surr: 4	4-Bromofluorobenzene	97.4	70-130	%Rec	1	3/16/2022 5:57:16 PM	66178

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

Qualifiers:

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

Page 1 of 30

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-2	
Project:	Yates AT Fee Battery		(Collection Date	e: 3/1	1/2022 8:05:00 AM	
Lab ID:	2203746-002	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		84	60	mg/Kg	20	3/20/2022 3:56:44 PM	66279
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	8.8	mg/Kg	1	3/17/2022 8:31:06 PM	66203
Motor Oi	il Range Organics (MRO)	ND	44	mg/Kg	1	3/17/2022 8:31:06 PM	66203
Surr: I	DNOP	67.6	51.1-141	%Rec	1	3/17/2022 8:31:06 PM	66203
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/16/2022 6:20:41 PM	66178
Surr: I	BFB	104	70-130	%Rec	1	3/16/2022 6:20:41 PM	66178
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.023	mg/Kg	1	3/16/2022 6:20:41 PM	66178
Toluene		ND	0.047	mg/Kg	1	3/16/2022 6:20:41 PM	66178
Ethylben	izene	ND	0.047	mg/Kg	1	3/16/2022 6:20:41 PM	66178
Xylenes,	, Total	ND	0.093	mg/Kg	1	3/16/2022 6:20:41 PM	66178
Surr: 4	4-Bromofluorobenzene	95.2	70-130	%Rec	1	3/16/2022 6:20:41 PM	66178

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-3				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:10:00 AM								
Lab ID:	2203746-003	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		480	60	mg/Kg	20	3/20/2022 4:09:09 PM	66279			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB			
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/17/2022 8:41:33 PM	66203			
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/17/2022 8:41:33 PM	66203			
Surr: [DNOP	71.2	51.1-141	%Rec	1	3/17/2022 8:41:33 PM	66203			
ЕРА МЕТ	THOD 8015D: GASOLINE RANGE					Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/16/2022 6:44:16 PM	66178			
Surr: E	BFB	108	70-130	%Rec	1	3/16/2022 6:44:16 PM	66178			
ΕΡΑ ΜΕΤ	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.023	mg/Kg	1	3/16/2022 6:44:16 PM	66178			
Toluene		ND	0.047	mg/Kg	1	3/16/2022 6:44:16 PM	66178			
Ethylben	izene	ND	0.047	mg/Kg	1	3/16/2022 6:44:16 PM	66178			
Xylenes,	Total	ND	0.093	mg/Kg	1	3/16/2022 6:44:16 PM	66178			
Surr: 4	4-Bromofluorobenzene	94.7	70-130	%Rec	1	3/16/2022 6:44:16 PM	66178			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BI	I-4					
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:15:00 AM									
Lab ID:	2203746-004	Matrix: SOIL		Received Dat	e: 3/1	15/2022 7:30:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analys	t: LRN				
Chloride		270	60	mg/Kg	20	3/20/2022 4:21:34 PM	66279				
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB				
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	3/17/2022 8:52:01 PM	66203				
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	3/17/2022 8:52:01 PM	66203				
Surr: I	DNOP	79.2	51.1-141	%Rec	1	3/17/2022 8:52:01 PM	66203				
EPA MET	THOD 8015D: GASOLINE RANGE					Analys	t: NSB				
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/16/2022 7:07:55 PM	66178				
Surr: I	BFB	106	70-130	%Rec	1	3/16/2022 7:07:55 PM	66178				
EPA MET	THOD 8021B: VOLATILES					Analys	t: NSB				
Benzene	9	ND	0.023	mg/Kg	1	3/16/2022 7:07:55 PM	66178				
Toluene		ND	0.047	mg/Kg	1	3/16/2022 7:07:55 PM	66178				
Ethylben	izene	ND	0.047	mg/Kg	1	3/16/2022 7:07:55 PM	66178				
Xylenes,	Total	ND	0.093	mg/Kg	1	3/16/2022 7:07:55 PM	66178				
Surr: 4	4-Bromofluorobenzene	96.3	70-130	%Rec	1	3/16/2022 7:07:55 PM	66178				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	I-5				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:20:00 AM								
Lab ID:	2203746-005	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	LRN			
Chloride		110	60	mg/Kg	20	3/20/2022 4:33:59 PM	66279			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel Ra	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/18/2022 2:55:11 PM	66203			
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	3/18/2022 2:55:11 PM	66203			
Surr: [ONOP	90.8	51.1-141	%Rec	1	3/18/2022 2:55:11 PM	66203			
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/16/2022 7:31:25 PM	66178			
Surr: E	3FB	106	70-130	%Rec	1	3/16/2022 7:31:25 PM	66178			
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB			
Benzene		ND	0.025	mg/Kg	1	3/16/2022 7:31:25 PM	66178			
Toluene		ND	0.049	mg/Kg	1	3/16/2022 7:31:25 PM	66178			
Ethylben	zene	ND	0.049	mg/Kg	1	3/16/2022 7:31:25 PM	66178			
Xylenes,	Total	ND	0.099	mg/Kg	1	3/16/2022 7:31:25 PM	66178			
Surr: 4	1-Bromofluorobenzene	94.8	70-130	%Rec	1	3/16/2022 7:31:25 PM	66178			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	Н-б				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:25:00 AM								
Lab ID:	2203746-006	Matrix: SOIL		Received Dat	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	LRN			
Chloride		530	60	mg/Kg	20	3/20/2022 5:11:12 PM	66279			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel Ra	ange Organics (DRO)	ND	9.1	mg/Kg	1	3/17/2022 9:12:58 PM	66203			
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	3/17/2022 9:12:58 PM	66203			
Surr: [ONOP	77.6	51.1-141	%Rec	1	3/17/2022 9:12:58 PM	66203			
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/16/2022 8:42:13 PM	66178			
Surr: E	3FB	106	70-130	%Rec	1	3/16/2022 8:42:13 PM	66178			
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB			
Benzene		ND	0.024	mg/Kg	1	3/16/2022 8:42:13 PM	66178			
Toluene		ND	0.048	mg/Kg	1	3/16/2022 8:42:13 PM	66178			
Ethylben	zene	ND	0.048	mg/Kg	1	3/16/2022 8:42:13 PM	66178			
Xylenes,	Total	ND	0.096	mg/Kg	1	3/16/2022 8:42:13 PM	66178			
Surr: 4	1-Bromofluorobenzene	96.9	70-130	%Rec	1	3/16/2022 8:42:13 PM	66178			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-7				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:30:00 AM								
Lab ID:	2203746-007	Matrix: SOIL		Received Dat	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		440	60	mg/Kg	20	3/20/2022 5:23:36 PM	66279			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/17/2022 9:23:28 PM	66203			
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	3/17/2022 9:23:28 PM	66203			
Surr: [DNOP	79.4	51.1-141	%Rec	1	3/17/2022 9:23:28 PM	66203			
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/16/2022 9:05:48 PM	66178			
Surr: E	BFB	103	70-130	%Rec	1	3/16/2022 9:05:48 PM	66178			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.024	mg/Kg	1	3/16/2022 9:05:48 PM	66178			
Toluene		ND	0.048	mg/Kg	1	3/16/2022 9:05:48 PM	66178			
Ethylben	izene	ND	0.048	mg/Kg	1	3/16/2022 9:05:48 PM	66178			
Xylenes,	Total	ND	0.097	mg/Kg	1	3/16/2022 9:05:48 PM	66178			
Surr: 4	4-Bromofluorobenzene	94.4	70-130	%Rec	1	3/16/2022 9:05:48 PM	66178			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

-							
CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-8	
Project:	Yates AT Fee Battery		(Collection Dat	e: 3/1	1/2022 8:35:00 AM	
Lab ID:	2203746-008	Matrix: SOIL		Received Dat	e: 3/1	15/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		1400	60	mg/Kg	20	3/20/2022 5:36:01 PM	66279
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	220	8.8	mg/Kg	1	3/17/2022 9:33:59 PM	66203
Motor Oi	il Range Organics (MRO)	100	44	mg/Kg	1	3/17/2022 9:33:59 PM	66203
Surr: I	DNOP	60.3	51.1-141	%Rec	1	3/17/2022 9:33:59 PM	66203
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	24	mg/Kg	5	3/16/2022 9:29:24 PM	66178
Surr: I	BFB	103	70-130	%Rec	5	3/16/2022 9:29:24 PM	66178
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.12	mg/Kg	5	3/16/2022 9:29:24 PM	66178
Toluene		ND	0.24	mg/Kg	5	3/16/2022 9:29:24 PM	66178
Ethylben	izene	ND	0.24	mg/Kg	5	3/16/2022 9:29:24 PM	66178
Xylenes,	, Total	ND	0.48	mg/Kg	5	3/16/2022 9:29:24 PM	66178
Surr: 4	4-Bromofluorobenzene	93.6	70-130	%Rec	5	3/16/2022 9:29:24 PM	66178

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	I-9				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:40:00 AM								
Lab ID:	2203746-009	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		2300	60	mg/Kg	20	3/20/2022 5:48:26 PM	66279			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	21	9.8	mg/Kg	1	3/17/2022 9:44:29 PM	66203			
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	3/17/2022 9:44:29 PM	66203			
Surr: I	DNOP	69.0	51.1-141	%Rec	1	3/17/2022 9:44:29 PM	66203			
EPA MET	THOD 8015D: GASOLINE RANGE	I				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	3/16/2022 9:52:54 PM	66178			
Surr: I	BFB	104	70-130	%Rec	1	3/16/2022 9:52:54 PM	66178			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.023	mg/Kg	1	3/16/2022 9:52:54 PM	66178			
Toluene		ND	0.046	mg/Kg	1	3/16/2022 9:52:54 PM	66178			
Ethylben	izene	ND	0.046	mg/Kg	1	3/16/2022 9:52:54 PM	66178			
Xylenes,	Total	ND	0.091	mg/Kg	1	3/16/2022 9:52:54 PM	66178			
Surr: 4	4-Bromofluorobenzene	95.5	70-130	%Rec	1	3/16/2022 9:52:54 PM	66178			

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

Qualifiers:

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

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Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BI	H-10				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:45:00 AM								
Lab ID:	2203746-010	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		1700	60	mg/Kg	20	3/20/2022 6:00:51 PM	66279			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/17/2022 9:55:01 PM	66203			
Motor Oi	il Range Organics (MRO)	ND	47	mg/Kg	1	3/17/2022 9:55:01 PM	66203			
Surr: [DNOP	84.4	51.1-141	%Rec	1	3/17/2022 9:55:01 PM	66203			
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/16/2022 10:16:27 PM	66178			
Surr: E	BFB	105	70-130	%Rec	1	3/16/2022 10:16:27 PM	66178			
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB			
Benzene		ND	0.024	mg/Kg	1	3/16/2022 10:16:27 PM	66178			
Toluene		ND	0.048	mg/Kg	1	3/16/2022 10:16:27 PM	66178			
Ethylben	izene	ND	0.048	mg/Kg	1	3/16/2022 10:16:27 PM	66178			
Xylenes,	Total	ND	0.095	mg/Kg	1	3/16/2022 10:16:27 PM	66178			
Surr: 4	4-Bromofluorobenzene	95.7	70-130	%Rec	1	3/16/2022 10:16:27 PM	66178			

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit
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Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	H-11				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 8:50:00 AM								
Lab ID:	2203746-011	Matrix: SOIL		Received Dat	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		1300	60	mg/Kg	20	3/20/2022 6:13:16 PM	66279			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/17/2022 10:05:35 PM	66203			
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	3/17/2022 10:05:35 PM	66203			
Surr: I	DNOP	58.0	51.1-141	%Rec	1	3/17/2022 10:05:35 PM	66203			
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/16/2022 10:40:02 PM	66178			
Surr: I	BFB	106	70-130	%Rec	1	3/16/2022 10:40:02 PM	66178			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.024	mg/Kg	1	3/16/2022 10:40:02 PM	66178			
Toluene		ND	0.049	mg/Kg	1	3/16/2022 10:40:02 PM	66178			
Ethylben	izene	ND	0.049	mg/Kg	1	3/16/2022 10:40:02 PM	66178			
Xylenes,	Total	ND	0.098	mg/Kg	1	3/16/2022 10:40:02 PM	66178			
Surr: 4	4-Bromofluorobenzene	96.6	70-130	%Rec	1	3/16/2022 10:40:02 PM	66178			

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

Qualifiers:

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

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Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-12	
Project:	Yates AT Fee Battery		(Collection Date	e: 3/1	1/2022 8:55:00 AM	
Lab ID:	2203746-012	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		2200	59	mg/Kg	20	3/21/2022 11:53:12 AM	66288
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: SB
Diesel Ra	ange Organics (DRO)	ND	9.8	mg/Kg	1	3/17/2022 10:16:15 PM	66203
Motor Oil	Range Organics (MRO)	ND	49	mg/Kg	1	3/17/2022 10:16:15 PM	66203
Surr: E	DNOP	53.2	51.1-141	%Rec	1	3/17/2022 10:16:15 PM	66203
EPA MET	HOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/16/2022 11:03:27 PM	66178
Surr: E	3FB	106	70-130	%Rec	1	3/16/2022 11:03:27 PM	66178
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	3/16/2022 11:03:27 PM	66178
Toluene		ND	0.048	mg/Kg	1	3/16/2022 11:03:27 PM	66178
Ethylben	zene	ND	0.048	mg/Kg	1	3/16/2022 11:03:27 PM	66178
Xylenes,	Total	ND	0.097	mg/Kg	1	3/16/2022 11:03:27 PM	66178
Surr: 4	I-Bromofluorobenzene	96.8	70-130	%Rec	1	3/16/2022 11:03:27 PM	66178

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-13				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 9:00:00 AM								
Lab ID:	2203746-013	Matrix: SOIL		Received Dat	e: 3/1	5/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		3200	150	mg/Kg	50	3/23/2022 10:00:39 AM	66288			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/18/2022 12:56:57 AM	66212			
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	3/18/2022 12:56:57 AM	66212			
Surr: [DNOP	75.1	51.1-141	%Rec	1	3/18/2022 12:56:57 AM	66212			
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	RAA			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/16/2022 6:04:00 PM	66188			
Surr: E	BFB	100	70-130	%Rec	1	3/16/2022 6:04:00 PM	66188			
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA			
Benzene)	ND	0.024	mg/Kg	1	3/16/2022 6:04:00 PM	66188			
Toluene		ND	0.049	mg/Kg	1	3/16/2022 6:04:00 PM	66188			
Ethylben	izene	ND	0.049	mg/Kg	1	3/16/2022 6:04:00 PM	66188			
Xylenes,	Total	ND	0.097	mg/Kg	1	3/16/2022 6:04:00 PM	66188			
Surr: 4	4-Bromofluorobenzene	85.6	70-130	%Rec	1	3/16/2022 6:04:00 PM	66188			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-14				
Project:	Yates AT Fee Battery	Collection Date: 3/11/2022 9:05:00 AM								
Lab ID:	2203746-014	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		1800	59	mg/Kg	20	3/21/2022 12:42:50 PM	66288			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/18/2022 1:07:38 AM	66212			
Motor Oi	il Range Organics (MRO)	ND	50	mg/Kg	1	3/18/2022 1:07:38 AM	66212			
Surr: [DNOP	83.1	51.1-141	%Rec	1	3/18/2022 1:07:38 AM	66212			
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	RAA			
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/16/2022 8:02:00 PM	66188			
Surr: E	BFB	108	70-130	%Rec	1	3/16/2022 8:02:00 PM	66188			
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA			
Benzene	9	ND	0.025	mg/Kg	1	3/16/2022 8:02:00 PM	66188			
Toluene		ND	0.050	mg/Kg	1	3/16/2022 8:02:00 PM	66188			
Ethylben	izene	ND	0.050	mg/Kg	1	3/16/2022 8:02:00 PM	66188			
Xylenes,	Total	ND	0.099	mg/Kg	1	3/16/2022 8:02:00 PM	66188			
Surr: 4	4-Bromofluorobenzene	88.7	70-130	%Rec	1	3/16/2022 8:02:00 PM	66188			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland	Client Sample ID: BH-15						
Proiect:	Yates AT Fee Battery		(Collection Dat	e : 3/1	1/2022 9:10:00 AM		
Lab ID:	2203746-015	Matrix: SOIL Received Date: 3/15/2022 7:30:00 AM						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	LRN	
Chloride		830	60	mg/Kg	20	3/21/2022 12:55:14 PM	66288	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel R	ange Organics (DRO)	36	9.2	mg/Kg	1	3/19/2022 12:20:05 AM	66212	
Motor Oi	I Range Organics (MRO)	86	46	mg/Kg	1	3/19/2022 12:20:05 AM	66212	
Surr: [ONOP	136	51.1-141	%Rec	1	3/19/2022 12:20:05 AM	66212	
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	RAA	
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	3/16/2022 9:01:00 PM	66188	
Surr: E	3FB	101	70-130	%Rec	1	3/16/2022 9:01:00 PM	66188	
EPA MET	HOD 8021B: VOLATILES					Analyst	RAA	
Benzene		ND	0.023	mg/Kg	1	3/16/2022 9:01:00 PM	66188	
Toluene		ND	0.046	mg/Kg	1	3/16/2022 9:01:00 PM	66188	
Ethylben	zene	ND	0.046	mg/Kg	1	3/16/2022 9:01:00 PM	66188	
Xylenes,	Total	ND	0.093	mg/Kg	1	3/16/2022 9:01:00 PM	66188	
Surr: 4	4-Bromofluorobenzene	85.0	70-130	%Rec	1	3/16/2022 9:01:00 PM	66188	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland	Client Sample ID: BH-16						
Project:	Yates AT Fee Battery		(Collection Date	e: 3/1	1/2022 9:15:00 AM		
Lab ID:	2203746-016	Matrix: SOIL Received Date: 3/15/2022 7:30:00 AM						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	LRN	
Chloride		3300	150	mg/Kg	50	3/23/2022 10:13:04 AM	66288	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Ra	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/18/2022 1:29:01 AM	66212	
Motor Oil	Range Organics (MRO)	ND	48	mg/Kg	1	3/18/2022 1:29:01 AM	66212	
Surr: E	DNOP	77.2	51.1-141	%Rec	1	3/18/2022 1:29:01 AM	66212	
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	RAA	
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	3/16/2022 9:21:00 PM	66188	
Surr: E	3FB	102	70-130	%Rec	1	3/16/2022 9:21:00 PM	66188	
EPA MET	HOD 8021B: VOLATILES					Analyst	RAA	
Benzene		ND	0.025	mg/Kg	1	3/16/2022 9:21:00 PM	66188	
Toluene		ND	0.050	mg/Kg	1	3/16/2022 9:21:00 PM	66188	
Ethylben	zene	ND	0.050	mg/Kg	1	3/16/2022 9:21:00 PM	66188	
Xylenes,	Total	ND	0.10	mg/Kg	1	3/16/2022 9:21:00 PM	66188	
Surr: 4	I-Bromofluorobenzene	86.0	70-130	%Rec	1	3/16/2022 9:21:00 PM	66188	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland	Client Sample ID: BH-17					
Project:	Yates AT Fee Battery		(Collection Date	e: 3/1	1/2022 9:20:00 AM	
Lab ID:	2203746-017	Matrix: SOIL		Received Date	e: 3/1	5/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		6200	300	mg/Kg	100	3/23/2022 10:25:29 AM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	SB
Diesel Ra	ange Organics (DRO)	46	9.4	mg/Kg	1	3/18/2022 1:39:38 AM	66212
Motor Oil	Range Organics (MRO)	ND	47	mg/Kg	1	3/18/2022 1:39:38 AM	66212
Surr: E	DNOP	85.6	51.1-141	%Rec	1	3/18/2022 1:39:38 AM	66212
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	3/16/2022 9:40:00 PM	66188
Surr: E	3FB	104	70-130	%Rec	1	3/16/2022 9:40:00 PM	66188
EPA MET	HOD 8021B: VOLATILES					Analyst	RAA
Benzene		ND	0.025	mg/Kg	1	3/16/2022 9:40:00 PM	66188
Toluene		ND	0.050	mg/Kg	1	3/16/2022 9:40:00 PM	66188
Ethylben	zene	ND	0.050	mg/Kg	1	3/16/2022 9:40:00 PM	66188
Xylenes,	Total	ND	0.10	mg/Kg	1	3/16/2022 9:40:00 PM	66188
Surr: 4	I-Bromofluorobenzene	86.2	70-130	%Rec	1	3/16/2022 9:40:00 PM	66188

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland	Client Sample ID: BH-18					
Project:	Yates AT Fee Battery		(Collection Dat	e: 3/1	1/2022 9:25:00 AM	
Lab ID:	2203746-018	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1000	60	mg/Kg	20	3/21/2022 1:57:17 PM	66288
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	41	9.5	mg/Kg	1	3/18/2022 1:50:16 AM	66212
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/18/2022 1:50:16 AM	66212
Surr: I	DNOP	71.6	51.1-141	%Rec	1	3/18/2022 1:50:16 AM	66212
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/16/2022 10:00:00 PM	66188
Surr: I	BFB	102	70-130	%Rec	1	3/16/2022 10:00:00 PM	66188
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA
Benzene	9	ND	0.025	mg/Kg	1	3/16/2022 10:00:00 PM	66188
Toluene		ND	0.049	mg/Kg	1	3/16/2022 10:00:00 PM	66188
Ethylben	izene	ND	0.049	mg/Kg	1	3/16/2022 10:00:00 PM	66188
Xylenes,	Total	ND	0.098	mg/Kg	1	3/16/2022 10:00:00 PM	66188
Surr: 4	4-Bromofluorobenzene	86.6	70-130	%Rec	1	3/16/2022 10:00:00 PM	66188

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland	Client Sample ID: BH-19					
Project:	Yates AT Fee Battery		(Collection Date	e: 3/1	1/2022 9:30:00 AM	
Lab ID:	2203746-019	Matrix: SOIL		Received Date	e: 3/1	15/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1100	59	mg/Kg	20	3/21/2022 2:09:41 PM	66288
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	55	9.8	mg/Kg	1	3/18/2022 2:11:23 AM	66212
Motor Oi	il Range Organics (MRO)	58	49	mg/Kg	1	3/18/2022 2:11:23 AM	66212
Surr: I	DNOP	79.3	51.1-141	%Rec	1	3/18/2022 2:11:23 AM	66212
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline	e Range Organics (GRO)	ND	25	mg/Kg	5	3/16/2022 10:20:00 PM	66188
Surr: I	BFB	109	70-130	%Rec	5	3/16/2022 10:20:00 PM	66188
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA
Benzene	9	ND	0.12	mg/Kg	5	3/16/2022 10:20:00 PM	66188
Toluene		ND	0.25	mg/Kg	5	3/16/2022 10:20:00 PM	66188
Ethylben	izene	ND	0.25	mg/Kg	5	3/16/2022 10:20:00 PM	66188
Xylenes,	, Total	ND	0.49	mg/Kg	5	3/16/2022 10:20:00 PM	66188
Surr: 4	4-Bromofluorobenzene	88.4	70-130	%Rec	5	3/16/2022 10:20:00 PM	66188

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT: GHD Midland Client Sample ID: BH-20					H-20		
Project:	Yates AT Fee Battery		(Collection Dat	e: 3/1	1/2022 9:35:00 AM	
Lab ID:	2203746-020	Matrix: SOIL		Received Dat	e: 3/1	15/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1800	60	mg/Kg	20	3/21/2022 2:22:06 PM	66288
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	130	9.5	mg/Kg	1	3/18/2022 2:32:22 AM	66212
Motor Oi	I Range Organics (MRO)	90	47	mg/Kg	1	3/18/2022 2:32:22 AM	66212
Surr: I	DNOP	133	51.1-141	%Rec	1	3/18/2022 2:32:22 AM	66212
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	RAA
Gasoline	e Range Organics (GRO)	ND	24	mg/Kg	5	3/16/2022 10:59:00 PM	66188
Surr: I	BFB	105	70-130	%Rec	5	3/16/2022 10:59:00 PM	66188
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA
Benzene	9	ND	0.12	mg/Kg	5	3/16/2022 10:59:00 PM	66188
Toluene		ND	0.24	mg/Kg	5	3/16/2022 10:59:00 PM	66188
Ethylben	izene	ND	0.24	mg/Kg	5	3/16/2022 10:59:00 PM	66188
Xylenes,	Total	ND	0.48	mg/Kg	5	3/16/2022 10:59:00 PM	66188
Surr: 4	4-Bromofluorobenzene	88.2	70-130	%Rec	5	3/16/2022 10:59:00 PM	66188

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland	Client Sample ID: BH-21						
Project:	Yates AT Fee Battery		(Collection Dat	e: 3/1	1/2022 9:40:00 AM		
Lab ID:	2203746-021	Matrix: SOIL	5/2022 7:30:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	LRN	
Chloride		600	60	mg/Kg	20	3/21/2022 2:34:30 PM	66288	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel R	ange Organics (DRO)	49	9.9	mg/Kg	1	3/18/2022 11:59:05 PM	66212	
Motor Oi	I Range Organics (MRO)	96	50	mg/Kg	1	3/18/2022 11:59:05 PM	66212	
Surr: [ONOP	72.1	51.1-141	%Rec	1	3/18/2022 11:59:05 PM	66212	
ЕРА МЕТ	HOD 8015D: GASOLINE RANG	E				Analyst	RAA	
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/16/2022 11:37:00 PM	66188	
Surr: E	3FB	107	70-130	%Rec	1	3/16/2022 11:37:00 PM	66188	
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	RAA	
Benzene		ND	0.024	mg/Kg	1	3/16/2022 11:37:00 PM	66188	
Toluene		ND	0.048	mg/Kg	1	3/16/2022 11:37:00 PM	66188	
Ethylben	zene	ND	0.048	mg/Kg	1	3/16/2022 11:37:00 PM	66188	
Xylenes,	Total	ND	0.096	mg/Kg	1	3/16/2022 11:37:00 PM	66188	
Surr: 4	1-Bromofluorobenzene	88.2	70-130	%Rec	1	3/16/2022 11:37:00 PM	66188	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	H-22				
Project:	Yates AT Fee Battery		(Collection Dat	e: 3/1	1/2022 9:45:00 AM				
Lab ID:	2203746-022	Matrix: SOIL		Received Dat	e: 3/1	15/2022 7:30:00 AM	2 2022 9:45:00 AM 2022 7:30:00 AM Ate Analyzed Batch Analyst: LRN 221/2022 2:46:55 PM 66288 Analyst: SB 217/2022 10:43:09 AM 66213 217/2022 10:43:09 AM 66213 217/2022 10:43:09 AM 66213 217/2022 10:43:09 AM 66213 Analyst: RAA 216/2022 11:57:00 PM 66188 216/2022 11:57:00 PM 66188 216/2022 11:57:00 PM 66188 216/2022 11:57:00 PM 66188 216/2022 11:57:00 PM 66188			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		760	60	mg/Kg	20	3/21/2022 2:46:55 PM	66288			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	14	9.7	mg/Kg	1	3/17/2022 10:43:09 AM	66213			
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	3/17/2022 10:43:09 AM	66213			
Surr: I	DNOP	71.1	51.1-141	%Rec	1	3/17/2022 10:43:09 AM	66213			
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	RAA			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/16/2022 11:57:00 PM	66188			
Surr: I	BFB	104	70-130	%Rec	1	3/16/2022 11:57:00 PM	66188			
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA			
Benzene	9	ND	0.024	mg/Kg	1	3/16/2022 11:57:00 PM	66188			
Toluene		ND	0.049	mg/Kg	1	3/16/2022 11:57:00 PM	66188			
Ethylben	izene	ND	0.049	mg/Kg	1	3/16/2022 11:57:00 PM	66188			
Xylenes,	Total	ND	0.097	mg/Kg	1	3/16/2022 11:57:00 PM	66188			
Surr: 4	4-Bromofluorobenzene	87.9	70-130	%Rec	1	3/16/2022 11:57:00 PM	66188			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203746

Date Reported: 3/25/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-23			
Project:	Yates AT Fee Battery		(Collection Date	e: 3/1	1/2022 9:50:00 AM			
Lab ID:	2203746-023	Matrix: SOIL		Received Date	Date: 3/15/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	LRN		
Chloride		1400	60	mg/Kg	20	3/21/2022 2:59:20 PM	66288		
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel R	ange Organics (DRO)	51	9.8	mg/Kg	1	3/17/2022 10:53:38 AM	66213		
Motor Oi	il Range Organics (MRO)	57	49	mg/Kg	1	3/17/2022 10:53:38 AM	66213		
Surr: I	DNOP	59.0	51.1-141	%Rec	1	3/17/2022 10:53:38 AM	66213		
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	RAA		
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	3/17/2022 12:17:00 AM	66188		
Surr: I	BFB	106	70-130	%Rec	1	3/17/2022 12:17:00 AM	66188		
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA		
Benzene	9	ND	0.023	mg/Kg	1	3/17/2022 12:17:00 AM	66188		
Toluene		ND	0.046	mg/Kg	1	3/17/2022 12:17:00 AM	66188		
Ethylben	izene	ND	0.046	mg/Kg	1	3/17/2022 12:17:00 AM	66188		
Xylenes,	Total	ND	0.093	mg/Kg	1	3/17/2022 12:17:00 AM	66188		
Surr: 4	4-Bromofluorobenzene	89.1	70-130	%Rec	1	3/17/2022 12:17:00 AM	66188		

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

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	GHD	Midland			
Project:	Yates	AT Fee Battery			
Sample ID:	MB-66279	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID:	PBS	Batch ID: 66279	RunNo: 86610		
Prep Date:	3/20/2022	Analysis Date: 3/20/2022	SeqNo: 3057325	Units: mg/Kg	
Analyte		Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-66279	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID:	LCSS	Batch ID: 66279	RunNo: 86610		
Prep Date:	3/20/2022	Analysis Date: 3/20/2022	SeqNo: 3057326	Units: mg/Kg	
Analyte		Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		14 1.5 15.00) 0 90.0 90	110	
Sample ID:	MB-66288	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID:	PBS	Batch ID: 66288	RunNo: 86641		
Prep Date:	3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3058762	Units: mg/Kg	
Analyte		Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-66288	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID:	LCSS	Batch ID: 66288	RunNo: 86641		
Prep Date:	3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3058763	Units: mg/Kg	

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit 14 1.5 15.00 0 91.0 90

Qualifiers:

Analyte

Chloride

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

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%RPD

110

RPDLimit

Qual

2203746

25-Mar-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

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WO#:	2203746

	WO#:	2203746
ntal Analysis Laboratory, Inc.		25-Mar-22

Client:	GHD Mid	lland											
Project:	Yates AT	Fee Battery											
Sample ID:	2203746-022AMS SampType: MS			TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID:	BH-22	Batch ID: 66213			RunNo: 86542								
Prep Date:	3/16/2022	Analysis Date: 3/17/2022		SeqNo: 3055243			Units: mg/Kg						
Analyte		Result P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (Surr: DNOP	Organics (DRO)	47 2.8	9.9	49.50 4.950	14.08	66.1 57.4	36.1 51.1	154 141					
Sample ID:	2203746-022AMSI) SampType	: MS	D	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	BH-22	Batch ID:	662	213	RunNo: 86542								
Prep Date:	3/16/2022	Analysis Date	: 3/1	17/2022	SeqNo: 3055244			Units: mg/Kg					
Analyte		Result P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range	Organics (DRO)	51	9.8	49.07	14.08	75.0	36.1	154	8.31	33.9			
Surr: DNOP		3.6		4.907		73.9	51.1	141	0	0			
Sample ID:	LCS-66203 SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	LCSS	Batch ID: 66203 RunNo: 86542											
Prep Date:	3/16/2022	Analysis Date:	: 3/1	17/2022	5	SeqNo: 3	055280	Units: mg/Kg					
Analyte		Result P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range	Organics (DRO)	46	10	50.00	0	92.3	68.9	135					
Surr: DNOP		3.7		5.000		73.9	51.1	141					
Sample ID:	D: LCS-66212 SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	LCSS	Batch ID:	662	212	RunNo: 86542								
Prep Date:	3/16/2022	Analysis Date:	3/1	17/2022	5	SeqNo: 30	055281	Units: mg/K	ζg				
Analyte		Result P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (Organics (DRO)	47	10	50.00	0	93.5	68.9	135					
Surr: DNOP		3.9		5.000		//.5	51.1	141					
Sample ID:	LCS-66213	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID:	LCSS	Batch ID: 66213			RunNo: 86542								
Prep Date:	3/16/2022	Analysis Date	: 3/1	17/2022	S	SeqNo: 30	055282	Units: mg/K	ζg				
Analyte		Result P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range	Organics (DRO)	48	10	50.00	0	95.4	68.9	135					
Surr: DNOP		4.4		5.000		88.4	51.1	141					
Sample ID:	ble ID: MB-66203 SampType: MBLK					TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	PBS	Batch ID: 66203			RunNo: 86542								
Prep Date:	3/16/2022	Analysis Date:	: 3/1	17/2022	5	SeqNo: 30	055284	Units: mg/K	ζg				
Analyte		Result P	QL	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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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	GHD M	idland T Eee Dette									
Project:	I ates A	Г гее Баше	лy								
Sample ID:	Sample ID: MB-66203 SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	PBS	Batch ID: 66203		RunNo: 86542							
Prep Date:	3/16/2022	Analysis Date: 3/17/2022		SeqNo: 3055284			Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		8.4		10.00		84.1	51.1	141			
Sample ID: MB-66212 SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	PBS	Batch ID: 66212			RunNo: 86542						
Prep Date:	3/16/2022	Analysis E	Date: 3/	17/2022	S	SeqNo: 3	055285	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		9.7		10.00		96.8	51.1	141			
Sample ID: MB-66213 SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID:	PBS	Batch ID: 66213		RunNo: 86542							
Prep Date:	3/16/2022	Analysis Date: 3/17/2022		SeqNo: 3055286		Units: mg/Kg					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		8.9		10.00		88.7	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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2203746

25-Mar-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

2203746	WO#:	
25-Mar-22		

Client: GHD Mi Project: Yates AT	dland Fee Battery											
Sample ID: mb-66178 SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch ID:	F	RunNo: 86522									
Prep Date: 3/15/2022	Analysis Date: 3/16/2022		SeqNo: 3053232			Units: mg/Kg						
Analyte	Result PQI	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO) Surr: BFB	ND 5. 1000	0 1000		104	70	130						
Sample ID: Ics-66178	SampType: I	_CS	Tes	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID:	6178	F	RunNo: 8	6522							
Prep Date: 3/15/2022	Analysis Date:	Analysis Date: 3/16/2022		SeqNo: 3053234			Units: mg/Kg					
Analyte	Result PQI	_ SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	26 5.	0 25.00	0	105	78.6	131						
	2200	1000		221	70	130			5			
Sample ID: Ics-66188	ple ID: Ics-66188 SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID:	RunNo: 86499										
Prep Date: 3/15/2022	Analysis Date:	3/16/2022	S	SeqNo: 3	053469	Units: mg/K	g					
Analyte	Result PQI	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	27 5.	0 25.00	0	108	78.6	131			0			
	2300	1000		221	70	130			3			
Sample ID: mb-66188	TestCode: EPA Method 8015D: Gasoline Range											
Client ID: PBS	Batch ID:	6188	RunNo: 86499									
Prep Date: 3/15/2022	Analysis Date:	3/16/2022	SeqNo: 3053470			Units: mg/Kg						
Analyte	Result PQI	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	ND 5.	0 1000		102	70	120						
	1000	1000		103	70	150						
Sample ID: 2203746-013ams	SampType: I	MS	Tes	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH-13	Batch ID: (6188	RunNo: 86499									
Prep Date: 3/15/2022	Analysis Date:	3/16/2022	ç	SeqNo: 30	053472	Units: mg/K	(g					
Analyte	Result PQI	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	32 4. 2400	9 24.30 971.8	0	131 248	70 70	130 130			S			
	2400	971.0		240	70	150						
Sample ID: 2203746-013amsc	TestCode: EPA Method 8015D: Gasoline Range											
Client ID: BH-13	Batch ID: 66188		RunNo: 86499									
Prep Date: 3/15/2022	Analysis Date:	3/16/2022	S	SeqNo: 30	053473	Units: mg/K	(g					
Analyte	Result PQI	_ 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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QC SU		WO#:	2203746		
Hall Environmental Analysis Laboratory, Inc.					
Client:	GHD Midland				

Project: Yates AT	Fee Batte	ry								
Sample ID: 2203746-013amsc	I SampT	ype: MS	SD	Test	Code: EF	PA Method	8015D: Gaso	line Rang	9	
Client ID: BH-13	Batcl	n ID: 66	188	R	unNo: 8	6499				
Prep Date: 3/15/2022	Analysis D	ate: 3/	16/2022	S	eqNo: 3	053473	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	33	4.9	24.44	0	136	70	130	4.81	20	S
Surr: BFB	2600		977.5		261	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
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

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	WO#:	2203746
IC.		25-Mar-22

Client:	GHD]	Midland									
Project:	Yates	AT Fee Batte	ery								
Sample ID:	mb-66178	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: 66	178	F	RunNo: 80	6522				
Prep Date:	3/15/2022	Analysis [Date: 3/	16/2022	S	SeqNo: 30	053274	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.95		1.000		95.1	70	130			
Sample ID:	LCS-66178	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 66	178	F	RunNo: 8	6522				
Prep Date:	3/15/2022	Analysis [Date: 3/	16/2022	5	SeqNo: 30	053275	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.94	0.025	1.000	0	93.7	80	120			
Toluene		0.98	0.050	1.000	0	98.5	80	120			
Ethylbenzene		1.0	0.050	1.000	0	99.5	80	120			
Xylenes, Total		3.0	0.10	3.000	0	100	80	120			
Surr: 4-Brom	ofluorobenzene	1.0		1.000		101	70	130			
Sample ID:	lcs-66188	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 66	188	F	RunNo: 8	6499				
Prep Date:	3/15/2022	Analysis [Date: 3/	16/2022	5	SeqNo: 30	053507	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.94	0.025	1.000	0	94.4	80	120			
Toluene		0.96	0.050	1.000	0	95.8	80	120			
Ethylbenzene		0.96	0.050	1.000	0	96.0	80	120			
Xylenes, Total		2.9	0.10	3.000	0	95.6	80	120			
Surr: 4-Brom	ofluorobenzene	0.87		1.000		87.4	70	130			
Sample ID:	mb-66188	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: 66	188	F	RunNo: 8	6499				
Prep Date:	3/15/2022	Analysis [Date: 3/	16/2022	5	SeqNo: 30	053508	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.86		1.000		86.0	70	130			

Qualifiers:

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ND Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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.

Client:	GHD Midland
Project:	Yates AT Fee Battery

Sample ID: 2203746-014ams	SampT	Гуре: МS	5	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: BH-14	Batc	h ID: 661	188	R	RunNo: 8	6499				
Prep Date: 3/15/2022	Analysis E	Date: 3/	16/2022	S	SeqNo: 3	053511	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9901	0	111	68.8	120			
Toluene	1.1	0.050	0.9901	0	115	73.6	124			
Ethylbenzene	1.2	0.050	0.9901	0	117	72.7	129			
Xylenes, Total	3.5	0.099	2.970	0	117	75.7	126			
Surr: 4-Bromofluorobenzene	0.91		0.9901		92.0	70	130			
Sample ID: 2203746-014amsd	I SampT	Гуре: МS	D	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Sample ID: 2203746-014amsd Client ID: BH-14	I SampT Batcl	Гуре: МS h ID: 66 1	6D 188	Tes R	tCode: El	PA Method 6499	8021B: Volat	tiles		
Sample ID: 2203746-014amsd Client ID: BH-14 Prep Date: 3/15/2022	I SampT Batcl Analysis I	Гуре: MS h ID: 66 ⁴ Date: 3/ ⁴	6D 188 16/2022	Tes R S	tCode: Ef RunNo: 8 SeqNo: 3	PA Method 6499 053512	8021B: Volat Units: mg/K	tiles (g		
Sample ID: 2203746-014amsd Client ID: BH-14 Prep Date: 3/15/2022 Analyte	I SampT Batcl Analysis I Result	Гуре: MS h ID: 66 ^ Date: 3/ ⁻ PQL	5D 188 16/2022 SPK value	Tes R S SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 36 %REC	PA Method 6499 053512 LowLimit	8021B: Volat Units: mg/K HighLimit	tiles Kg %RPD	RPDLimit	Qual
Sample ID: 2203746-014amsd Client ID: BH-14 Prep Date: 3/15/2022 Analyte Benzene	I Samp Batc Analysis I Result 1.2	Гуре: MS h ID: 66 ′ Date: 3 / PQL 0.025	5D 188 16/2022 SPK value 0.9891	Tes R S SPK Ref Val 0	tCode: El RunNo: 8 GeqNo: 3 %REC 119	PA Method 6499 053512 LowLimit 68.8	8021B: Volat Units: mg/K HighLimit 120	tiles Kg %RPD 6.44	RPDLimit 20	Qual
Sample ID: 2203746-014amsd Client ID: BH-14 Prep Date: 3/15/2022 Analyte Benzene Toluene	I Samp Batcl Analysis I Result 1.2 1.2	Fype: MS h ID: 66 Date: 3 PQL 0.025 0.049	5D 188 16/2022 SPK value 0.9891 0.9891	Tes R SPK Ref Val 0 0	tCode: Ef RunNo: 8 GeqNo: 3 <u>%REC</u> 119 123	PA Method 6499 053512 LowLimit 68.8 73.6	8021B: Volat Units: mg/K HighLimit 120 124	5g %RPD 6.44 7.08	RPDLimit 20 20	Qual
Sample ID: 2203746-014amsd Client ID: BH-14 Prep Date: 3/15/2022 Analyte Benzene Toluene Ethylbenzene	SampT Batc Analysis E Result 1.2 1.2 1.2	Type: MS h ID: 66 Date: 3 PQL 0.025 0.049 0.049	5D 188 16/2022 SPK value 0.9891 0.9891 0.9891	Tes R SPK Ref Val 0 0 0 0	tCode: EI RunNo: 8 GeqNo: 3 %REC 119 123 126	PA Method 6499 053512 LowLimit 68.8 73.6 72.7	8021B: Volat Units: mg/K HighLimit 120 124 129	tiles 5 5 5 5 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7	RPDLimit 20 20 20	Qual
Sample ID: 2203746-014amsd Client ID: BH-14 Prep Date: 3/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batcl Analysis D Result 1.2 1.2 1.2 3.8	Type: MS h ID: 66 Date: 3/ PQL 0.025 0.049 0.049 0.099	BD 1888 16/2022 SPK value 0.9891 0.9891 0.9891 2.967	Tes R SPK Ref Val 0 0 0 0 0 0	tCode: E RunNo: 8 SeqNo: 3 %REC 119 123 126 127	PA Method 6499 053512 LowLimit 68.8 73.6 72.7 75.7	8021B: Volat Units: mg/K HighLimit 120 124 129 126	tiles (g %RPD 6.44 7.08 7.28 7.56	RPDLimit 20 20 20 20 20	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
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- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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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WO#: 2203746

25-Mar-22

ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345- Website: clier	49 49 Albuquer 3975 FAX 11s.hallenvi	vsis Labor 01 Hawkii que, NM 8 505-345- ronmentai	alory ns NE 7109 Sa 4107 Leom	Sample Log-In Check List			
Client Name: GHD	Work Order Nun	nber: 220	3746		RcptNo: 1			
Received By: Tracy Casarrubias	3/15/2022 7:30:00	AM						
Completed By: Tracy Casarrubias	3/15/2022 8:32:51	AM						
Reviewed By: KPG 3/15)	22							
Chain of Custody								
1. Is Chain of Custody complete?		Yes		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		No 🗌				
4. Were all samples received at a temperature o	f >0° C to 6.0°C	Yes		No 🗆				
5. Sample(s) in proper container(s)?		Yes		No 🗌				
6. Sufficient sample volume for indicated test(s)?		Yes		No 🗌				
7. Are samples (except VOA and ONG) properly	preserved?	Yes	\checkmark	No 🗌				
8. Was preservative added to bottles?		Yes		No 🔽	NA 🗌			
9. Received at least 1 vial with headspace <1/4"	for AQ VOA?	Yes		No 🗌	NA 🔽			
10. Were any sample containers received broken	?	Yes		No 🗹	# of preserved			
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	✓	No 🗌	for pH:			
12. Are matrices correctly identified on Chain of C	ustody?	Yes		No 🗌	Adjusted?			
13. Is it clear what analyses were requested?		Yes		No 🗌	/			
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No 🗌	Checked by: Come 3/15/22			
Special Handling (if applicable)								
15. Was client notified of all discrepancies with thi	s order?	Yes		No 🗆				
Person Notified:	Date							
By Whom:	Via:	🗌 eMa	ail 🗌 Ph	none 🗌 Fax	In Person			
Regarding:								
Client Instructions:								
16. Additional remarks:								
17. <u>Cooler Information</u>								
Cooler No Temp °C Condition Sea 1 0.1 Good Yes	Intact Seal No	Seal Da	ite	Signed By				

Page 1 of 1

Cleart. Girlo Cleart.		Chair	D-Jo-L	ustody Record	Turn-Aroun	d Time:							2	10 - 750	lec 1
Полити ставит Подат (став) Подат (став	Clien	t: GHD			M Standar	40iiQ €			HAI		IN	RO	NME	NTAL	ceivea
Willing Acterists Will Strate Actesian Miles Statistics Www.hallenvirunmentation 234 W. Main St. Suite 106. Actesian MM 88210 Project #: Actesian MM 8710 234 W. Main St. Suite 106. Actesian MM 88210 Project #: Actesian MM 88710 234 W. Main St. Suite 106. Actesian MM 88210 Project #: Actesian MM 88710 2101 St. Total St. To					Project Nan	iei:	000		AN	ALYS	SIS	LAB	ORA	TOR	l by (
324 W. Main St. Suite 106. Artesia NM 88210 Project #	Mailir	g Addres	ss:		Yates AT	Far Rettron		11 1001	MMM	hallenvi	ronmer	ntal.co	E)CD:
Phone #: (360)371-4216 (12) 2/10 Profect Manager: (200) Contraction	324 V	V. Main S	St. Suite 1	08, Artesia NM 88210	Project #:	N N N N N N N N N N N N N N N N N N N				all - Alb	Idnerd	ue, NN	A 87109		5/2
Contract: Beckut Haskel@ond.com Contract: Beckut Haskel@ond.com Contract: Beckut Haskel@ond.com Bookut Haskel Donnee Donnee	Phone	e #:	(505)37	7-4218	1211	1012		1 61. 50	5-345-39	/5 F	ax 505	5-345-	4107		7/20
Oxocc Package: Decky Hastell Elevel 4 (Full Validation) Decky Hastell Cl Standard Cl Standard Elevel 4 (Full Validation) Tom Larson Betry Hastell Cl Standard Cl Standard Elevel 4 (Full Validation) Tom Larson Betry Hastell Cl Standard Cl Standard Elevel 4 (Full Validation) Elevel 4 (Full Validation) Elevel 4 (Full Validation) Cl Standard Cl Standard Elevel 4 (Full Validation) Elevel 4 (Full Validation) Elevel 4 (Full Validation) Cl Standard Cl Standard Elevel 4 (Full Validation) Elevel 4 (Full Validation) Elevel 4 (Full Validation) Cl Standard Standard Elevel 4 (Full Validation) Elevel 4 (Full Validation) Elevel 4 (Full Validation) Cl Standard Standard Elevel 4 (Full Validation) Elevel 4 (Full Validation) Elevel 4 (Full Validation) Elevel 4 (Full Validation) Cl Standard Standard Standard Elevel 4 (Full Validation) Elevel 4 (Full Validation) Elevel 4 (Full Validation) Cl Standard Standard Standard Standard Elevel 4 (Full Validation) Elevel 4 (Full Validation) </td <td>email</td> <td>or Fax#:</td> <td>Becky.h</td> <td>Haskell@ghd.com</td> <td>Project Man</td> <td>ader:</td> <td></td> <td>4</td> <td></td> <td>Analy</td> <td>sis Rec</td> <td>quest</td> <td></td> <td></td> <td>22 2</td>	email	or Fax#:	Becky.h	Haskell@ghd.com	Project Man	ader:		4		Analy	sis Rec	quest			22 2
□ Standad □ Lavel 4 (Full Validation) Tom Latson Face data from Latson □ RELAC □ Other Sampler Zach Comino Zach	QAVQ(C Package	ö		Beckv Hask	le		s (120)	S	os		(tuə	_		2:56
Accreditation: 日本 Compliance Sample: Zach Comino 0 NELCO 0 Other 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 Other 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 1 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NELCO 0 NECO 1 NELCO		andard		Level 4 (Full Validation)	Tom Larson			CB. 0 / W	SWIS	'*O		sdA	0	_	:23
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Client: GHD Yorksi Mailing Address: Yorksi Mailing Address: Yorksi Becky Ha Project M Phone #: (505)377-4218 Phone #: (105) Phone #: (105) Phone #: (101) Phone #: (101) Phone #: (101) Phone #: (101) Phone (101) <th>EDB (Method 504.1) Arts Free Briting crist Torn Larson 12284n 4901 Lave Project Name: 12284n 4901 Lave Project Manager: 12284n 4901 Lave Project Manager: Becky Haskell 4901 Lave Project Manager: 12284n 4901 Lave Project Manager: Becky Haskell 4901 Lave Project Manager: Project Manager: 122.02.1 MB's (8021) Project Manager: Project Manager: 120.0 MB's Project Manager: Project Manager: 120.0 MB's Project Manager: 10.0 MB's 120.0 MB's Project Manager: 0.1 - & - 0.1 - Project Manager: 0.1 - & - 0.1 - Project Manager: 0.1 - & - 0.1 -</th> <th>Hall ENVIRONMENTAL Hall ENVIRONMENTAL Abal Visition PAHs by 8310 or 8270SIMS Recrete 8 Metals Recrete 100 Recrete 100 Mailysis Request Chlorial 2 Aftal Chlorial 2 Aftal Mailysis Request No No No No No No Mailysis Request No <</th>	EDB (Method 504.1) Arts Free Briting crist Torn Larson 12284n 4901 Lave Project Name: 12284n 4901 Lave Project Manager: 12284n 4901 Lave Project Manager: Becky Haskell 4901 Lave Project Manager: 12284n 4901 Lave Project Manager: Becky Haskell 4901 Lave Project Manager: Project Manager: 122.02.1 MB's (8021) Project Manager: Project Manager: 120.0 MB's Project Manager: Project Manager: 120.0 MB's Project Manager: 10.0 MB's 120.0 MB's Project Manager: 0.1 - & - 0.1 - Project Manager: 0.1 - & - 0.1 - Project Manager: 0.1 - & - 0.1 -	Hall ENVIRONMENTAL Hall ENVIRONMENTAL Abal Visition PAHs by 8310 or 8270SIMS Recrete 8 Metals Recrete 100 Recrete 100 Mailysis Request Chlorial 2 Aftal Chlorial 2 Aftal Mailysis Request No No No No No No Mailysis Request No <
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324 W. Main St. Suite 108, Artesia NM 88210 Project # Phone #: (505)377-4218 [1228 email or Fax#: Becky Haskell@ghd.com Project M AvGc Package: □ Level 4 (Full Validation) Tom Lars Actractitation: □ Az Compliance Sampler: □ Standard □ Level 4 (Full Validation) Tom Lars Accreditation: □ Az Compliance Sampler: □ NELAC □ Other □ On Lars □ NELAC □ Other On lose □ Sign Date Time Matrix Sampler: □ NELAC □ Other On lose On lose □ Sign Date Time Matrix Sample Name Type and 03122 0325 8/H - IS Top On lose 03123 0325 8/H - IS Top On lose 03125 8/H - IS Top Top On lose 03125 8/H - IS Top Top On lose 03125 8/H - IS Top Top Top <td>Project #: Project #: 10,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0</td> <td>Wkins NE - Mikins NE Wkins NE - Mikins NE 9345-3975 - Mikins NE 9345-3975 - Malysis NE PAH's by 8310 or 82705IMS - Abuquerque, NM 87103 RSC60 (VOA) - Malysis Request RS260 (VOA) - Malysis Request RS270 (Semi-VOA) - Malysis Request Chlori (Present/Absent) - Malysis Request Chlori (Present/Absent) - Malysis Request Chlori (L, M, M, 300 - Malysis Chlori (L, M, M, 300 - Malysis Chlori (L, M, M, 300 - Malysis Malysis - Malysis</td>	Project #: Project #: 10,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0,0,1,0	Wkins NE - Mikins NE Wkins NE - Mikins NE 9345-3975 - Mikins NE 9345-3975 - Malysis NE PAH's by 8310 or 82705IMS - Abuquerque, NM 87103 RSC60 (VOA) - Malysis Request RS260 (VOA) - Malysis Request RS270 (Semi-VOA) - Malysis Request Chlori (Present/Absent) - Malysis Request Chlori (Present/Absent) - Malysis Request Chlori (L, M, M, 300 - Malysis Chlori (L, M, M, 300 - Malysis Chlori (L, M, M, 300 - Malysis Malysis - Malysis
Phone #:(505)377-4218(1228)email or Fax#:Becky.Haskell@ghd.comProject M $QAQC Package:\Box Level 4 (Full Validation)Project M\Box Standard\Box Level 4 (Full Validation)Tom Lars\Box Standard\Box Az ComplianceSampler:\Box NELAC\Box OtherOtherOther\Box NELAC\Box OtherContainer\Box NELAC\Box OtherContainer\Box NELAC\Box OtherContainer\Box NELAC\Box OtherContainer\Box NELAC\Box OtherContainer\Box NELAC\Box OtherContainer\Box NELAC\Box NELAC\Box NELAC\Box NELAC\Box OtherContainer\Box NELAC\Box NELAC$	Project Manager: Project Manager: Becky Haskell Tom Larson Tom Larson Sampler: Zach Comino On Ice: X Yes Don Ice: Top Cooler Templification Don Ice: Type Type Type Don Ice: Type Don Ice: Don Ice: Type Don Ice: Type Don Ice: Don Ice: Type Don Ice: Don Ice: Don Ice: Type Don Ice:	CDb (metricol 504,1) A1355 RCRA 8 Metals A1455 RCRA 8 Metals A1455 CI, F, Br, NO3, NO2, PO4, SO4 S05 8250 (VOA) S270 (Semi-VOA) 8270 (Semi-VOA) S05 8270 (Semi-VOA) S05 8270 (Semi-VOA) S05 8270 (Semi-VOA) S06 8270 (Semi-VOA) S05 8270 (Semi-VOA) S06
email or Fax#: Becky.Haskell@ghd.com Project M QA/QC Package: Da/QC Package: Becky Ha Datadard D Level 4 (Full Validation) Tom Lars Accreditation: D Az Compliance Sampler: Date Time Matrix Sampler Date Time Matrix Sample Name Date Time BH-IS Type and Date Time BH-IS Type and Date BH-IS Type and Date Date BH-IS Type Date DAD BH-IS Typ	Project Manager: Becky Haskell Tom Larson Tom Larson Tom Larson Sampler: Zach Comino On Ice: X Yes Moff Coolers: Cooler Templineter Type Type O IS	Addiversion 504.1) PAHS by 8310 or 8270SIMS RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) Total Coliform (Present/Absent) 70, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
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Date Time Matrix Sample Name Container 03 122 0900 5 8H-13 7ype and 03 122 0905 8H-13 5ac 0905 8H-13 5ac 0910 8H-15 5ac 0910 8H-15 5ac 0915 8H-16 5ac 0915 8H-16 5ac 0915 8H-16 5ac	Container Preservative HEAL No. Type and # Type 2.203340 EE 081 PG (M Tor 013 1 PH: 8081 PG (M	PAHs b RCRA 8 RCRA 8 RCRA 8 RC1, F, B 8270 (Sc 8270 (Sc)82) (Sc)8270 (Sc)8270 (Sc)8270 (Sc)8270 (Sc)8270) (Sc)8270 (Sc)8
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0955 BH-14 2915 BH-15 2915 BH-15 0925 BH-12 2002 BH-12	013	
2910 BH-15 2915 BH-15 0920 BH-17 0925 BH-10 BH-10 BH-10	015	
0920 814-15 0920 814-17 0925 814-10 814-10	015	
0926 814-17 0925 814-18 814-10		
0925 BH-18 84-18 842.0	010	
0930 BM-10	PIX X	
	018	
D935 BH-20	019	
0940 84-21	020	
1 0945 J BH-22		
4 ORTO & BUI-23 &	1 1 260 9	-> ->
Date: Time: Relinquished by:		7
Q3H22 [010 Miltch ell Clanent Mitchall Cleve Ouch	eceived by: Via: Date Time Remarks: Ple Olounus 3/14/12 1000 Tom.Lar	rson@ghd.com: Zach Comino@chd.com;
2/14/12 1902 address of a	sceived by: Via: Coure Date Time Matthew.La	aughlin@ghd.com: Along with Becky Haskell listed above.
If necessary, samples submitted to Hall Environmental may be subcompetent to allow	3/3/22	Direct Bill to EOG Chase Settle



March 28, 2022

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

RE: Yates AS Fee Battery

OrderNo.: 2203839

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 25 sample(s) on 3/16/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	H-24	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	4/2022 8:00:00 AM	
Lab ID:	2203839-001	Matrix: SOIL		Received Dat	e: 3/1	6/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analys	: LRN
Chloride		1300	60	mg/Kg	20	3/21/2022 10:26:07 PM	66306
EPA MET	THOD 8015M/D: DIESEL RANG	GE ORGANICS				Analys	: SB
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/17/2022 5:32:05 PM	66213
Motor Oi	l Range Organics (MRO)	ND	49	mg/Kg	1	3/17/2022 5:32:05 PM	66213
Surr: I	DNOP	104	51.1-141	%Rec	1	3/17/2022 5:32:05 PM	66213
EPA MET	THOD 8015D: GASOLINE RAN	IGE				Analys	BRM
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/17/2022 3:31:00 PM	66221
Surr: I	BFB	103	70-130	%Rec	1	3/17/2022 3:31:00 PM	66221
EPA MET	THOD 8021B: VOLATILES					Analys	BRM
Benzene		ND	0.025	mg/Kg	1	3/17/2022 3:31:00 PM	66221
Toluene		ND	0.050	mg/Kg	1	3/17/2022 3:31:00 PM	66221
Ethylben	izene	ND	0.050	mg/Kg	1	3/17/2022 3:31:00 PM	66221
Xylenes,	Total	ND	0.099	mg/Kg	1	3/17/2022 3:31:00 PM	66221
Surr: 4	4-Bromofluorobenzene	87.2	70-130	%Rec	1	3/17/2022 3:31:00 PM	66221

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

Qualifiers:

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

Page 1 of 32

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-25	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	14/2022 8:05:00 AM	
Lab ID:	2203839-002	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		1500	60	mg/Kg	20	3/21/2022 11:03:20 PM	66306
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	3/17/2022 5:42:44 PM	66213
Motor Oi	l Range Organics (MRO)	ND	50	mg/Kg	1	3/17/2022 5:42:44 PM	66213
Surr: [DNOP	75.4	51.1-141	%Rec	1	3/17/2022 5:42:44 PM	66213
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/17/2022 3:51:00 PM	66221
Surr: E	BFB	103	70-130	%Rec	1	3/17/2022 3:51:00 PM	66221
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	3/17/2022 3:51:00 PM	66221
Toluene		ND	0.049	mg/Kg	1	3/17/2022 3:51:00 PM	66221
Ethylben	izene	ND	0.049	mg/Kg	1	3/17/2022 3:51:00 PM	66221
Xylenes,	Total	ND	0.098	mg/Kg	1	3/17/2022 3:51:00 PM	66221
Surr: 4	4-Bromofluorobenzene	88.9	70-130	%Rec	1	3/17/2022 3:51:00 PM	66221

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

Qualifiers:

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

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Released to Imaging: 9/13/2022 8:20:05 AM

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-26				
Project:	Yates AS Fee Battery	Collection Date: 3/14/2022 8:10:00 AM								
Lab ID:	2203839-003	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM				
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		120	59	mg/Kg	20	3/21/2022 11:15:45 PM	66306			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	3/17/2022 5:53:21 PM	66213			
Motor Oi	l Range Organics (MRO)	ND	50	mg/Kg	1	3/17/2022 5:53:21 PM	66213			
Surr: I	DNOP	73.8	51.1-141	%Rec	1	3/17/2022 5:53:21 PM	66213			
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/17/2022 4:10:00 PM	66221			
Surr: I	BFB	105	70-130	%Rec	1	3/17/2022 4:10:00 PM	66221			
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM			
Benzene)	ND	0.024	mg/Kg	1	3/17/2022 4:10:00 PM	66221			
Toluene		ND	0.049	mg/Kg	1	3/17/2022 4:10:00 PM	66221			
Ethylben	izene	ND	0.049	mg/Kg	1	3/17/2022 4:10:00 PM	66221			
Xylenes,	Total	ND	0.098	mg/Kg	1	3/17/2022 4:10:00 PM	66221			
Surr: 4	4-Bromofluorobenzene	88.4	70-130	%Rec	1	3/17/2022 4:10:00 PM	66221			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-27					
Project:	Yates AS Fee Battery	Collection Date: 3/14/2022 8:15:00 AM									
Lab ID:	2203839-004	Matrix: SOIL		Received Date	e: 3/1	6/2022 8:00:00 AM					
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analyst	LRN				
Chloride		180	60	mg/Kg	20	3/21/2022 11:52:59 PM	66306				
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/17/2022 6:03:57 PM	66213				
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/17/2022 6:03:57 PM	66213				
Surr: [DNOP	98.0	51.1-141	%Rec	1	3/17/2022 6:03:57 PM	66213				
ΕΡΑ ΜΕΤ	THOD 8015D: GASOLINE RANGE					Analyst	BRM				
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/17/2022 4:30:00 PM	66221				
Surr: E	BFB	103	70-130	%Rec	1	3/17/2022 4:30:00 PM	66221				
ΕΡΑ ΜΕΤ	THOD 8021B: VOLATILES					Analyst	BRM				
Benzene	9	ND	0.025	mg/Kg	1	3/17/2022 4:30:00 PM	66221				
Toluene		ND	0.049	mg/Kg	1	3/17/2022 4:30:00 PM	66221				
Ethylben	izene	ND	0.049	mg/Kg	1	3/17/2022 4:30:00 PM	66221				
Xylenes,	Total	ND	0.098	mg/Kg	1	3/17/2022 4:30:00 PM	66221				
Surr: 4	4-Bromofluorobenzene	88.5	70-130	%Rec	1	3/17/2022 4:30:00 PM	66221				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-28	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	14/2022 8:20:00 AM	
Lab ID:	2203839-005	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		870	60	mg/Kg	20	3/22/2022 12:05:24 AM	66306
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	130	9.5	mg/Kg	1	3/18/2022 11:38:04 PM	66213
Motor Oi	I Range Organics (MRO)	190	47	mg/Kg	1	3/18/2022 11:38:04 PM	66213
Surr: I	DNOP	96.8	51.1-141	%Rec	1	3/18/2022 11:38:04 PM	66213
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	3/17/2022 4:50:00 PM	66221
Surr: I	BFB	102	70-130	%Rec	1	3/17/2022 4:50:00 PM	66221
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	3/17/2022 4:50:00 PM	66221
Toluene		ND	0.047	mg/Kg	1	3/17/2022 4:50:00 PM	66221
Ethylben	izene	ND	0.047	mg/Kg	1	3/17/2022 4:50:00 PM	66221
Xylenes,	Total	ND	0.095	mg/Kg	1	3/17/2022 4:50:00 PM	66221
Surr: 4	4-Bromofluorobenzene	87.2	70-130	%Rec	1	3/17/2022 4:50:00 PM	66221

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	[-29	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1-	4/2022 8:25:00 AM	
Lab ID:	2203839-006	Matrix: SOIL		Received Date	e: 3/1	6/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		5800	300	mg/Kg	100	3/23/2022 10:50:19 AN	66306
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/17/2022 6:25:06 PM	66213
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	3/17/2022 6:25:06 PM	66213
Surr: [DNOP	99.5	51.1-141	%Rec	1	3/17/2022 6:25:06 PM	66213
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/17/2022 5:09:00 PM	66221
Surr: E	BFB	106	70-130	%Rec	1	3/17/2022 5:09:00 PM	66221
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.023	mg/Kg	1	3/17/2022 5:09:00 PM	66221
Toluene		ND	0.047	mg/Kg	1	3/17/2022 5:09:00 PM	66221
Ethylben	izene	ND	0.047	mg/Kg	1	3/17/2022 5:09:00 PM	66221
Xylenes,	Total	ND	0.094	mg/Kg	1	3/17/2022 5:09:00 PM	66221
Surr: 4	4-Bromofluorobenzene	89.1	70-130	%Rec	1	3/17/2022 5:09:00 PM	66221

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-30				
Project:	Yates AS Fee Battery	Collection Date: 3/14/2022 8:30:00 AM								
Lab ID:	2203839-007	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM				
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		3500	150	mg/Kg	50	3/23/2022 11:02:43 AM	66306			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/17/2022 6:35:40 PM	66213			
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	3/17/2022 6:35:40 PM	66213			
Surr: [DNOP	126	51.1-141	%Rec	1	3/17/2022 6:35:40 PM	66213			
ΕΡΑ ΜΕΤ	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM			
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/17/2022 5:29:00 PM	66221			
Surr: E	BFB	111	70-130	%Rec	1	3/17/2022 5:29:00 PM	66221			
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM			
Benzene		ND	0.023	mg/Kg	1	3/17/2022 5:29:00 PM	66221			
Toluene		ND	0.047	mg/Kg	1	3/17/2022 5:29:00 PM	66221			
Ethylben	izene	ND	0.047	mg/Kg	1	3/17/2022 5:29:00 PM	66221			
Xylenes,	Total	ND	0.094	mg/Kg	1	3/17/2022 5:29:00 PM	66221			
Surr: 4	4-Bromofluorobenzene	89.6	70-130	%Rec	1	3/17/2022 5:29:00 PM	66221			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	H-31	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	14/2022 9:00:00 AM	
Lab ID:	2203839-008	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		1600	60	mg/Kg	20	3/22/2022 12:42:38 AM	66306
EPA MET	HOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.2	mg/Kg	1	3/18/2022 5:56:33 PM	66234
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	3/18/2022 5:56:33 PM	66234
Surr: [ONOP	74.0	51.1-141	%Rec	1	3/18/2022 5:56:33 PM	66234
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/17/2022 5:49:00 PM	66221
Surr: E	BFB	109	70-130	%Rec	1	3/17/2022 5:49:00 PM	66221
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	3/17/2022 5:49:00 PM	66221
Toluene		ND	0.048	mg/Kg	1	3/17/2022 5:49:00 PM	66221
Ethylben	zene	ND	0.048	mg/Kg	1	3/17/2022 5:49:00 PM	66221
Xylenes,	Total	ND	0.096	mg/Kg	1	3/17/2022 5:49:00 PM	66221
Surr: 4	4-Bromofluorobenzene	90.0	70-130	%Rec	1	3/17/2022 5:49:00 PM	66221

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BI	H-32	
Project:	Yates AS Fee Battery		(Collect	ion Dat	e: 3/1	14/2022 9:05:00 AM	
Lab ID:	2203839-009	Matrix: SOIL		Recei	ved Dat	e: 3/1	6/2022 8:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	: LRN
Chloride		540	60		mg/Kg	20	3/22/2022 12:55:03 AN	66306
EPA MET	THOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	: SB
Diesel R	ange Organics (DRO)	700	180		mg/Kg	20	3/18/2022 6:07:10 PM	66234
Motor Oi	il Range Organics (MRO)	1100	880		mg/Kg	20	3/18/2022 6:07:10 PM	66234
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/18/2022 6:07:10 PM	66234
EPA MET	THOD 8015D: GASOLINE RAN	GE					Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2022 6:09:00 PM	66221
Surr: I	BFB	105	70-130		%Rec	1	3/17/2022 6:09:00 PM	66221
EPA MET	THOD 8021B: VOLATILES						Analyst	BRM
Benzene	9	ND	0.023		mg/Kg	1	3/17/2022 6:09:00 PM	66221
Toluene		ND	0.047		mg/Kg	1	3/17/2022 6:09:00 PM	66221
Ethylben	izene	ND	0.047		mg/Kg	1	3/17/2022 6:09:00 PM	66221
Xylenes,	Total	ND	0.093		mg/Kg	1	3/17/2022 6:09:00 PM	66221
Surr: 4	4-Bromofluorobenzene	88.3	70-130		%Rec	1	3/17/2022 6:09:00 PM	66221

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-33				
Project:	Yates AS Fee Battery	Collection Date: 3/14/2022 9:10:00 AM								
Lab ID:	2203839-010	Matrix: SOIL		Received Date	e: 3/1	6/2022 8:00:00 AM				
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	LRN			
Chloride		1300	60	mg/Kg	20	3/22/2022 1:07:27 AM	66306			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	250	9.9	mg/Kg	1	3/21/2022 3:15:19 PM	66234			
Motor Oi	I Range Organics (MRO)	520	49	mg/Kg	1	3/21/2022 3:15:19 PM	66234			
Surr: [ONOP	91.7	51.1-141	%Rec	1	3/21/2022 3:15:19 PM	66234			
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/17/2022 7:28:13 PM	66222			
Surr: E	3FB	105	70-130	%Rec	1	3/17/2022 7:28:13 PM	66222			
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB			
Benzene		ND	0.024	mg/Kg	1	3/17/2022 7:28:13 PM	66222			
Toluene		ND	0.049	mg/Kg	1	3/17/2022 7:28:13 PM	66222			
Ethylben	zene	ND	0.049	mg/Kg	1	3/17/2022 7:28:13 PM	66222			
Xylenes,	Total	ND	0.098	mg/Kg	1	3/17/2022 7:28:13 PM	66222			
Surr: 4	1-Bromofluorobenzene	96.0	70-130	%Rec	1	3/17/2022 7:28:13 PM	66222			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CI IENT.	CUD Midland		CI	······································) . DI	1.24	
CLIENI:	GHD Midiand		CI	ient Sample II): Br	1-34	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	14/2022 9:15:00 AM	
Lab ID:	2203839-011	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		2700	150	mg/Kg	50	3/23/2022 11:15:08 AM	66306
ΕΡΑ ΜΕΤ	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	3/18/2022 6:28:24 PM	66234
Motor Oi	il Range Organics (MRO)	ND	47	mg/Kg	1	3/18/2022 6:28:24 PM	66234
Surr: I	DNOP	61.3	51.1-141	%Rec	1	3/18/2022 6:28:24 PM	66234
EPA MET	THOD 8015D: GASOLINE RAI	NGE				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/17/2022 8:39:17 PM	66222
Surr: I	BFB	109	70-130	%Rec	1	3/17/2022 8:39:17 PM	66222
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/17/2022 8:39:17 PM	66222
Toluene		ND	0.048	mg/Kg	1	3/17/2022 8:39:17 PM	66222
Ethylben	izene	ND	0.048	mg/Kg	1	3/17/2022 8:39:17 PM	66222
Xylenes,	Total	ND	0.097	mg/Kg	1	3/17/2022 8:39:17 PM	66222
Surr: 4	4-Bromofluorobenzene	98.3	70-130	%Rec	1	3/17/2022 8:39:17 PM	66222

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CI IENT.	GHD Midland		CI	iont Sample II). BH	1 35	
			CI		7. DI		
Project:	Yates AS Fee Battery		(Collection Date	e: 3/1	4/2022 9:20:00 AM	
Lab ID:	2203839-012	Matrix: SOIL		Received Date	e: 3/1	6/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		5300	300	mg/Kg	100) 3/23/2022 11:27:33 AM	66322
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	: SB
Diesel Ra	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/18/2022 6:39:02 PM	66234
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	3/18/2022 6:39:02 PM	66234
Surr: [ONOP	84.0	51.1-141	%Rec	1	3/18/2022 6:39:02 PM	66234
EPA MET	HOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/17/2022 9:50:08 PM	66222
Surr: E	BFB	106	70-130	%Rec	1	3/17/2022 9:50:08 PM	66222
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	3/17/2022 9:50:08 PM	66222
Toluene		ND	0.048	mg/Kg	1	3/17/2022 9:50:08 PM	66222
Ethylben	zene	ND	0.048	mg/Kg	1	3/17/2022 9:50:08 PM	66222
Xylenes,	Total	ND	0.096	mg/Kg	1	3/17/2022 9:50:08 PM	66222
Surr: 4	4-Bromofluorobenzene	97.3	70-130	%Rec	1	3/17/2022 9:50:08 PM	66222

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	V-1				
Project:	Yates AS Fee Battery	Collection Date: 3/14/2022 10:00:00 AM								
Lab ID:	2203839-013	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM				
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		160	60	mg/Kg	20	3/22/2022 3:03:41 PM	66322			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.3	mg/Kg	1	3/18/2022 6:49:42 PM	66234			
Motor Oi	l Range Organics (MRO)	ND	46	mg/Kg	1	3/18/2022 6:49:42 PM	66234			
Surr: [DNOP	97.0	51.1-141	%Rec	1	3/18/2022 6:49:42 PM	66234			
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/17/2022 10:13:41 PM	66222			
Surr: E	BFB	105	70-130	%Rec	1	3/17/2022 10:13:41 PM	66222			
ΕΡΑ ΜΕΤ	THOD 8021B: VOLATILES					Analyst	NSB			
Benzene)	ND	0.025	mg/Kg	1	3/17/2022 10:13:41 PM	66222			
Toluene		ND	0.049	mg/Kg	1	3/17/2022 10:13:41 PM	66222			
Ethylben	izene	ND	0.049	mg/Kg	1	3/17/2022 10:13:41 PM	66222			
Xylenes,	Total	ND	0.098	mg/Kg	1	3/17/2022 10:13:41 PM	66222			
Surr: 4	4-Bromofluorobenzene	96.3	70-130	%Rec	1	3/17/2022 10:13:41 PM	66222			

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

Qualifiers:

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

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Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	V-2	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	4/2022 10:05:00 AM	
Lab ID:	2203839-014	Matrix: SOIL		Received Dat	e: 3/1	6/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		99	60	mg/Kg	20	3/22/2022 3:16:06 PM	66322
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	ND	9.1	mg/Kg	1	3/18/2022 7:00:22 PM	66234
Motor Oi	l Range Organics (MRO)	ND	46	mg/Kg	1	3/18/2022 7:00:22 PM	66234
Surr: [DNOP	72.8	51.1-141	%Rec	1	3/18/2022 7:00:22 PM	66234
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/17/2022 10:37:11 PM	66222
Surr: E	BFB	106	70-130	%Rec	1	3/17/2022 10:37:11 PM	66222
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/17/2022 10:37:11 PM	66222
Toluene		ND	0.048	mg/Kg	1	3/17/2022 10:37:11 PM	66222
Ethylben	izene	ND	0.048	mg/Kg	1	3/17/2022 10:37:11 PM	66222
Xylenes,	Total	ND	0.095	mg/Kg	1	3/17/2022 10:37:11 PM	66222
Surr: 4	4-Bromofluorobenzene	97.2	70-130	%Rec	1	3/17/2022 10:37:11 PM	66222

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	V-3	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	4/2022 10:10:00 AM	
Lab ID:	2203839-015	Matrix: SOIL		Received Dat	e: 3/1	6/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analys	: LRN
Chloride		160	60	mg/Kg	20	3/22/2022 3:28:31 PM	66322
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	: SB
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/21/2022 3:52:22 PM	66234
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/21/2022 3:52:22 PM	66234
Surr: I	DNOP	97.0	51.1-141	%Rec	1	3/21/2022 3:52:22 PM	66234
EPA MET	THOD 8015D: GASOLINE RANG	E				Analys	: NSB
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/17/2022 11:00:43 PM	66222
Surr: I	BFB	108	70-130	%Rec	1	3/17/2022 11:00:43 PM	66222
EPA MET	THOD 8021B: VOLATILES					Analys	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/17/2022 11:00:43 PM	66222
Toluene		ND	0.047	mg/Kg	1	3/17/2022 11:00:43 PM	66222
Ethylben	izene	ND	0.047	mg/Kg	1	3/17/2022 11:00:43 PM	66222
Xylenes,	Total	ND	0.095	mg/Kg	1	3/17/2022 11:00:43 PM	66222
Surr: 4	4-Bromofluorobenzene	97.0	70-130	%Rec	1	3/17/2022 11:00:43 PM	66222

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland	Client Sample ID: SW-4								
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	14/2022 10:15:00 AM				
Lab ID:	2203839-016	Matrix: SOIL Received Date: 3/16/2022 8:00:00 AM								
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	LRN			
Chloride		ND	59	mg/Kg	20	3/22/2022 4:05:45 PM	66322			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	9.3	mg/Kg	1	3/18/2022 7:21:38 PM	66234			
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	3/18/2022 7:21:38 PM	66234			
Surr: [ONOP	55.9	51.1-141	%Rec	1	3/18/2022 7:21:38 PM	66234			
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	3/17/2022 11:24:14 PM	66222			
Surr: E	3FB	104	70-130	%Rec	1	3/17/2022 11:24:14 PM	66222			
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB			
Benzene		ND	0.024	mg/Kg	1	3/17/2022 11:24:14 PM	66222			
Toluene		ND	0.047	mg/Kg	1	3/17/2022 11:24:14 PM	66222			
Ethylben	zene	ND	0.047	mg/Kg	1	3/17/2022 11:24:14 PM	66222			
Xylenes, Total		ND	0.094	mg/Kg	1	3/17/2022 11:24:14 PM	66222			
Surr: 4	4-Bromofluorobenzene	94.3	70-130	%Rec	1	3/17/2022 11:24:14 PM	66222			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	V-5	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	4/2022 10:20:00 AM	
Lab ID:	2203839-017	Matrix: SOIL		ae: 3/16/2022 8:00:00 AM			
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		ND	60	mg/Kg	20	3/22/2022 4:18:10 PM	66322
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.0	mg/Kg	1	3/18/2022 7:32:14 PM	66234
Motor Oi	l Range Organics (MRO)	ND	45	mg/Kg	1	3/18/2022 7:32:14 PM	66234
Surr: [DNOP	51.8	51.1-141	%Rec	1	3/18/2022 7:32:14 PM	66234
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/17/2022 11:47:39 PM	66222
Surr: E	BFB	104	70-130	%Rec	1	3/17/2022 11:47:39 PM	66222
ΕΡΑ ΜΕΤ	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene)	ND	0.024	mg/Kg	1	3/17/2022 11:47:39 PM	66222
Toluene		ND	0.047	mg/Kg	1	3/17/2022 11:47:39 PM	66222
Ethylben	izene	ND	0.047	mg/Kg	1	3/17/2022 11:47:39 PM	66222
Xylenes,	Total	ND	0.095	mg/Kg	1	3/17/2022 11:47:39 PM	66222
Surr: 4	4-Bromofluorobenzene	95.3	70-130	%Rec	1	3/17/2022 11:47:39 PM	66222

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT.	GHD Midland		Cl	ient Samnle II). SV	N-6	
Durlant.					. 2/1	1 0 1 1 00 00 ANA	
Project:	Yates AS Fee Battery		(Jollection Date	2: 3/1	14/2022 11:00:00 AM	
Lab ID:	2203839-018	Matrix: SOIL		Received Date	e: 3/1	16/2022 8:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		77	60	mg/Kg	20	3/22/2022 4:30:34 PM	66322
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/21/2022 4:15:58 PM	66234
Motor Oi	Range Organics (MRO)	ND	47	mg/Kg	1	3/21/2022 4:15:58 PM	66234
Surr: E	DNOP	80.9	51.1-141	%Rec	1	3/21/2022 4:15:58 PM	66234
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/18/2022 12:11:06 AM	66222
Surr: E	3FB	104	70-130	%Rec	1	3/18/2022 12:11:06 AM	66222
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/18/2022 12:11:06 AM	66222
Toluene		ND	0.048	mg/Kg	1	3/18/2022 12:11:06 AM	66222
Ethylben	zene	ND	0.048	mg/Kg	1	3/18/2022 12:11:06 AM	66222
Xylenes,	Total	ND	0.095	mg/Kg	1	3/18/2022 12:11:06 AM	66222
Surr: 4	I-Bromofluorobenzene	95.3	70-130	%Rec	1	3/18/2022 12:11:06 AM	66222

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

Qualifiers:

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

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Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland	Client Sample ID: SW-7									
Project:	Yates AS Fee Battery	Collection Date: 3/14/2022 11:05:00 AM									
Lab ID:	2203839-019	Matrix: SOIL Received Date: 3/16/2022 8:00:00 AN									
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analyst	LRN				
Chloride		ND	60	mg/Kg	20	3/22/2022 4:42:59 PM	66322				
EPA METHOD 8015M/D: DIESEL RANGE		ORGANICS				Analyst	SB				
Diesel R	ange Organics (DRO)	ND	9.1	mg/Kg	1	3/21/2022 4:39:33 PM	66234				
Motor Oi	il Range Organics (MRO)	ND	46	mg/Kg	1	3/21/2022 4:39:33 PM	66234				
Surr: I	DNOP	77.2	51.1-141	%Rec	1	3/21/2022 4:39:33 PM	66234				
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB				
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/18/2022 1:21:19 AM	66222				
Surr: I	BFB	103	70-130	%Rec	1	3/18/2022 1:21:19 AM	66222				
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB				
Benzene	9	ND	0.024	mg/Kg	1	3/18/2022 1:21:19 AM	66222				
Toluene		ND	0.047	mg/Kg	1	3/18/2022 1:21:19 AM	66222				
Ethylben	izene	ND	0.047	mg/Kg	1	3/18/2022 1:21:19 AM	66222				
Xylenes, Total		ND	0.095	mg/Kg	1	3/18/2022 1:21:19 AM	66222				
Surr: 4	4-Bromofluorobenzene	93.9	70-130	%Rec	1	3/18/2022 1:21:19 AM	66222				

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

Qualifiers:

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

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Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	V-8			
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	4/2022 11:10:00 AM			
Lab ID:	2203839-020	203839-020 Matrix: SOIL Received Date: 3/16/2022 8:00:00 A							
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN		
Chloride		190	60	mg/Kg	20	3/22/2022 4:55:24 PM	66322		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	3/18/2022 8:04:02 PM	66234		
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/18/2022 8:04:02 PM	66234		
Surr: [ONOP	60.3	51.1-141	%Rec	1	3/18/2022 8:04:02 PM	66234		
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/18/2022 1:44:39 AM	66222		
Surr: E	3FB	103	70-130	%Rec	1	3/18/2022 1:44:39 AM	66222		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	1	ND	0.024	mg/Kg	1	3/18/2022 1:44:39 AM	66222		
Toluene		ND	0.048	mg/Kg	1	3/18/2022 1:44:39 AM	66222		
Ethylbenzene		ND	0.048	mg/Kg	1	3/18/2022 1:44:39 AM	66222		
Xylenes, Total		ND	0.096	mg/Kg	1	3/18/2022 1:44:39 AM	66222		
Surr: 4	4-Bromofluorobenzene	91.4	70-130	%Rec	1	3/18/2022 1:44:39 AM	66222		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	V-9			
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	4/2022 11:15:00 AM			
Lab ID:	2203839-021	Matrix: SOIL	Received Date: 3/16/2022 8:00:00 AM						
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analys	t: LRN		
Chloride		ND	60	mg/Kg	20	3/22/2022 5:07:49 PM	66322		
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB		
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	3/21/2022 5:03:12 PM	66234		
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/21/2022 5:03:12 PM	66234		
Surr: I	DNOP	80.1	51.1-141	%Rec	1	3/21/2022 5:03:12 PM	66234		
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analys	t: NSB		
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/18/2022 2:07:57 AM	66222		
Surr: I	BFB	103	70-130	%Rec	1	3/18/2022 2:07:57 AM	66222		
EPA MET	THOD 8021B: VOLATILES					Analys	t: NSB		
Benzene	9	ND	0.023	mg/Kg	1	3/18/2022 2:07:57 AM	66222		
Toluene		ND	0.047	mg/Kg	1	3/18/2022 2:07:57 AM	66222		
Ethylben	izene	ND	0.047	mg/Kg	1	3/18/2022 2:07:57 AM	66222		
Xylenes,	Total	ND	0.093	mg/Kg	1	3/18/2022 2:07:57 AM	66222		
Surr: 4	4-Bromofluorobenzene	93.9	70-130	%Rec	1	3/18/2022 2:07:57 AM	66222		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT: Project:	GHD Midland	Client Sample ID: BH-36									
Lab ID:	2203839-022	Matrix: SOIL Received Date: 3/16/2022 8:00:00 AM									
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS						Analyst	: LRN			
Chloride		1100	60		mg/Kg	20	3/22/2022 5:20:13 PM	66322			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB			
Diesel Ra	ange Organics (DRO)	310	97		mg/Kg	10	3/21/2022 3:57:40 PM	66234			
Motor Oil	Range Organics (MRO)	1000	480		mg/Kg	10	3/21/2022 3:57:40 PM	66234			
Surr: [DNOP	0	51.1-141	S	%Rec	10	3/21/2022 3:57:40 PM	66234			
EPA MET	HOD 8015D: GASOLINE RANGE	E					Analyst	: NSB			
Gasoline	Range Organics (GRO)	ND	4.9		mg/Kg	1	3/18/2022 2:31:30 AM	66222			
Surr: E	3FB	97.9	70-130		%Rec	1	3/18/2022 2:31:30 AM	66222			
EPA MET	HOD 8021B: VOLATILES						Analyst	: NSB			
Benzene		ND	0.025		mg/Kg	1	3/18/2022 2:31:30 AM	66222			
Toluene		ND	0.049		mg/Kg	1	3/18/2022 2:31:30 AM	66222			
Ethylbenzene		ND	0.049		mg/Kg	1	3/18/2022 2:31:30 AM	66222			
Xylenes, Total		ND	0.098		mg/Kg	1	3/18/2022 2:31:30 AM	66222			
Surr: 4	I-Bromofluorobenzene	89.6	70-130		%Rec	1	3/18/2022 2:31:30 AM	66222			

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

Qualifiers:

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

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Date Reported: 3/28/2022

CLIENT:	GHD Midland	land Client Sample ID: BH-37								
Project:	Yates AS Fee Battery		(Collection Date	e: 3/1	14/2022 12:05:00 PM				
Lab ID:	2203839-023	Matrix: SOIL Received Date: 3/16/2022 8:00:00 AM								
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		1700	61	mg/Kg	20	3/22/2022 5:32:38 PM	66322			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB			
Diesel R	ange Organics (DRO)	78	9.8	mg/Kg	1	3/21/2022 3:36:29 PM	66234			
Motor Oi	Range Organics (MRO)	210	49	mg/Kg	1	3/21/2022 3:36:29 PM	66234			
Surr: [DNOP	87.2	51.1-141	%Rec	1	3/21/2022 3:36:29 PM	66234			
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/18/2022 2:54:45 AM	66222			
Surr: E	BFB	102	70-130	%Rec	1	3/18/2022 2:54:45 AM	66222			
ΕΡΑ ΜΕΤ	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene		ND	0.024	mg/Kg	1	3/18/2022 2:54:45 AM	66222			
Toluene		ND	0.048	mg/Kg	1	3/18/2022 2:54:45 AM	66222			
Ethylbenzene		ND	0.048	mg/Kg	1	3/18/2022 2:54:45 AM	66222			
Xylenes, Total		ND	0.096	mg/Kg	1	3/18/2022 2:54:45 AM	66222			
Surr: 4	4-Bromofluorobenzene	93.6	70-130	%Rec	1	3/18/2022 2:54:45 AM	66222			

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

Qualifiers:

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

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Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	H-38			
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	14/2022 12:10:00 PM			
Lab ID:	2203839-024	Matrix: SOIL		Received Dat	te: 3/16/2022 8:00:00 AM				
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analys	t: LRN		
Chloride		1900	60	mg/Kg	20	3/22/2022 5:45:02 PM	66322		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB		
Diesel R	ange Organics (DRO)	ND	9.0	mg/Kg	1	3/18/2022 8:46:31 PM	66234		
Motor Oi	I Range Organics (MRO)	ND	45	mg/Kg	1	3/18/2022 8:46:31 PM	66234		
Surr: [ONOP	68.0	51.1-141	%Rec	1	3/18/2022 8:46:31 PM	66234		
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RANGE	E				Analys	t: NSB		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/18/2022 3:17:59 AM	66222		
Surr: E	3FB	100	70-130	%Rec	1	3/18/2022 3:17:59 AM	66222		
ΕΡΑ ΜΕΤ	HOD 8021B: VOLATILES					Analys	t: NSB		
Benzene		ND	0.024	mg/Kg	1	3/18/2022 3:17:59 AM	66222		
Toluene		ND	0.048	mg/Kg	1	3/18/2022 3:17:59 AM	66222		
Ethylben	zene	ND	0.048	mg/Kg	1	3/18/2022 3:17:59 AM	66222		
Xylenes,	Total	ND	0.097	mg/Kg	1	3/18/2022 3:17:59 AM	66222		
Surr: 4	4-Bromofluorobenzene	93.2	70-130	%Rec	1	3/18/2022 3:17:59 AM	66222		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203839

Date Reported: 3/28/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-39				
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	4/2022 12:15:00 PM				
Lab ID:	2203839-025	Matrix: SOIL		Received Date: 3/16/2022 8:00:00 AM						
Analyses	1	Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analysi	: LRN			
Chloride		890	60	mg/Kg	20	3/22/2022 5:57:27 PM	66322			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB			
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/18/2022 8:57:10 PM	66234			
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	3/18/2022 8:57:10 PM	66234			
Surr: I	DNOP	69.6	51.1-141	%Rec	1	3/18/2022 8:57:10 PM	66234			
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/18/2022 3:41:17 AM	66222			
Surr: I	BFB	111	70-130	%Rec	1	3/18/2022 3:41:17 AM	66222			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.025	mg/Kg	1	3/18/2022 3:41:17 AM	66222			
Toluene		ND	0.050	mg/Kg	1	3/18/2022 3:41:17 AM	66222			
Ethylben	izene	ND	0.050	mg/Kg	1	3/18/2022 3:41:17 AM	66222			
Xylenes,	, Total	ND	0.10	mg/Kg	1	3/18/2022 3:41:17 AM	66222			
Surr: 4	4-Bromofluorobenzene	98.5	70-130	%Rec	1	3/18/2022 3:41:17 AM	66222			

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

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	GHD Mi Yates AS	dland Fee Battery							
Sample ID:	MB-66306	SampType: mbl	k	Test	Code: EPA Metho	d 300.0: Anion	s		
Client ID:	PBS	Batch ID: 663	06	R	unNo: 86641				
Prep Date:	3/21/2022	Analysis Date: 3/2	1/2022	S	eqNo: 3058800	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5							
Sample ID:	LCS-66306	SampType: Ics		Test	Code: EPA Metho	d 300.0: Anion	s		
Client ID:	LCSS	Batch ID: 663	06	R	unNo: 86641				
Prep Date:	3/21/2022	Analysis Date: 3/2	1/2022	S	eqNo: 3058801	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	92.9 90) 110			
Sample ID:	MB-66306	SampType: mbl	k	Test	Code: EPA Metho	d 300.0: Anion	s		
Client ID:	PBS	Batch ID: 663	06	R	unNo: 86682				
Prep Date:	3/21/2022	Analysis Date: 3/2	2/2022	S	eqNo: 3060597	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5							
Sample ID:	LCS-66306	SampType: Ics		Test	Code: EPA Metho	d 300.0: Anion	s		
Client ID:	LCSS	Batch ID: 663	06	R	unNo: 86682				
Prep Date:	3/21/2022	Analysis Date: 3/2	2/2022	S	eqNo: 3060598	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual

14 1.5 15.00 0 93.6 90 110

Qualifiers:

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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.

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alysis Laboratory, Inc.		28-Mar-22

Client:	GHD Mic	lland										
Project:	Yates AS	Fee Batte	ery									
Sample ID:	LCS-66213	SampT	Гуре: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID:	LCSS	Batcl	h ID: 66	213	F	RunNo: 86542						
Prep Date:	3/16/2022	Analysis E	Date: 3/	17/2022	8	SeqNo: 3055282			Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range (Organics (DRO)	48	10	50.00	0	95.4	68.9	135				
Surr: DNOP		4.4		5.000		88.4	51.1	141				
Sample ID:	MB-66213	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID:	PBS	Batc	h ID: 66	213	F	RunNo: 86	6542					
Prep Date:	3/16/2022	Analysis E	Date: 3/	17/2022	S	SeqNo: 30	055286	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 Rang	ge Organics (MRO)	ND 8.0	50	10.00		007	E1 1	4.4.4				
Sull. DNOP		6.9		10.00		00.7	51.1	141				
Sample ID:	2203839-008AMS	SampT	Гуре: М	6	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	BH-31	Batc	h ID: 66	234	RunNo: 86572							
Prep Date:	3/17/2022	Analysis E	Date: 3/	18/2022	S	SeqNo: 30	057041	Units: mg/K	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range (Organics (DRO)	43	9.5	47.39	0	89.9	36.1	154				
Surr: DNOP		3.2		4.739		67.5	51.1	141				
Sample ID:	2203839-008AMSE) Samp1	Гуре: М	SD	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	BH-31	Batcl	h ID: 66	234	F	RunNo: 86	6572					
Prep Date:	3/17/2022	Analysis E	Date: 3/	18/2022	5	SeqNo: 30	057042	Units: mg/K	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range (Organics (DRO)	53	9.7	48.73	0	109	36.1	154	22.3	33.9		
Surr: DNOP		2.7		4.873		55.3	51.1	141	0	0		
Sample ID:	LCS-66234	SampT	Гуре: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID:	LCSS	Batc	h ID: 66	234	RunNo: 86572							
Prep Date:	3/17/2022	Analysis E	Date: 3/	18/2022	S	SeqNo: 30	057103	Units: mg/K	ſg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range (Organics (DRO)	46	10	50.00	0	92.7	68.9	135				
Surr: DNOP		3.8		5.000		76.6	51.1	141				

Qualifiers:

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

Client: GHD Project: Yates	Midland AS Fee Batte	ry								
Sample ID: MB-66234	le ID: MB-66234 SampType: MBLK					PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 66	234	R	unNo: 8	6572				
Prep Date: 3/17/2022	Analysis D	0ate: 3/	18/2022	SeqNo: 3057107			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	8.7		10.00		86.6	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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Client:	GHD Mie	dland									
Project:	Yates AS	Fee Batte	ry								
Sample ID:	: mb-66222	SampT	BLK	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID:	PBS	Batcl	n ID: 66	222	F	RunNo: 86557					
Prep Date:	3/16/2022	Analysis D	Date: 3/	18/2022	ŝ	SeqNo: 3	054784	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	ND 1000	5.0	1000		104	70	130			
Sample ID:	: lcs-66222	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID:	LCSS	Batcl	n ID: 66	222	F	RunNo: 8	6557				
Prep Date:	3/16/2022	Analysis D	Date: 3/	17/2022	S	SeqNo: 3	054785	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	25	5.0	25.00	0	102	78.6	131			
Surr: BFB		2200		1000		223	70	130			S
Sample ID:	2203839-010ams	SampT	уре: М	6	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	BH-33	Batcl	n ID: 66	222	F	RunNo: 8	6557				
Prep Date:	3/16/2022	Analysis E	Date: 3/	17/2022	S	SeqNo: 3	054787	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	26	4.9	24.32	0	107	70	130			•
Surr: BFB		2200		972.8		226	70	130			S
Sample ID:	2203839-010amsd	I SampT	уре: М	SD	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	BH-33	Batcl	n ID: 66	222	F	RunNo: 8	6557				
Prep Date:	3/16/2022	Analysis E	Date: 3/	17/2022	S	SeqNo: 3	054788	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	25	4.8	24.18	0	101	70	130	6.29	20	C
Sull: BFB		2100		967.1		222	70	130	0	0	3
Sample ID:	: lcs-66221	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	LCSS	Batcl	n ID: 66	221	F	RunNo: 8	6561				
Prep Date:	3/16/2022	Analysis D	Date: 3/	17/2022	6	SeqNo: 3	054912	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	29 2300	5.0	25.00 1000	0	116 232	78.6 70	131 130			S
Sample ID:	mb-66221	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	PBS	Batcl	n ID: 66	221	RunNo: 86561						
Prep Date:	3/16/2022	Analysis D	Date: 3/	17/2022	S	SeqNo: 3	054914	Units: mg/k	٢g		

Qualifiers:

Value exceeds Maximum Contaminant Level. *

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

Reporting Limit RL

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Client: G Project: Y	HD Midland ates AS Fee Battery									
Sample ID: mb-66221	SampType	: MB	LK	Test	Code: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch ID	662	21	R	unNo: 86	6561				
Prep Date: 3/16/202	2 Analysis Date	3/1	7/2022	S	eqNo: 30	054914	Units: mg/K	g		
Analyte	Result P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (G	RO) ND	5.0								
Surr: BFB	1000		1000		103	70	130			

Qualifiers:

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

Yates AS Fee Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:

Sample ID:	mb-66222	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: 662	222	F	RunNo: 8	6557				
Prep Date:	3/16/2022	Analysis [Date: 3/	18/2022	S	SeqNo: 3	054823	Units: mg/	٢g		
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-Bron	nofluorobenzene	0.96		1.000		96.1	70	130			
Sample ID:	LCS-66222	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS Batch ID: 66222				F	RunNo: 8	6557					
Prep Date:	3/16/2022	Analysis [Date: 3/	17/2022	S	SeqNo: 3	054824	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.87	0.025	1.000	0	87.2	80	120			
Toluene		0.91	0.050	1.000	0	91.1	80	120			
Ethylbenzene		0.93	0.050	1.000	0	92.8	80	120			
Xylenes, Total		2.8	0.10	3.000	0	92.6	80	120			
Surr: 4-Bron	nofluorobenzene	1.0		1.000		99.5	70	130			
							-				
Sample ID:	2203839-011ams	Samp	Гуре: МS	5	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Sample ID: Client ID:	2203839-011ams BH-34	Samp [¬] Batc	Гуре: МS h ID: 66	5 222	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Sample ID: Client ID: Prep Date:	2203839-011ams BH-34 3/16/2022	Samp Batc Analysis [Гуре: МS h ID: 66 2 Date: 3 /	5 222 17/2022	Tes F S	tCode: El RunNo: 8 SeqNo: 3	PA Method 6557 054827	8021B: Vola Units: mg/F	tiles (g		
Sample ID: Client ID: Prep Date: Analyte	2203839-011ams BH-34 3/16/2022	Samp Batc Analysis [Result	Гуре: МS h ID: 66 Date: 3/ PQL	5 222 17/2022 SPK value	Tes F S SPK Ref Val	tCode: El RunNo: 8 SeqNo: 3 %REC	PA Method 6557 054827 LowLimit	8021B: Vola Units: mg/ł HighLimit	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene	2203839-011ams BH-34 3/16/2022	Samp Batc Analysis I Result 0.87	Гуре: МS h ID: 66 Date: 3/ PQL 0.024	222 17/2022 SPK value 0.9709	Tes F S SPK Ref Val 0	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2	PA Method 6557 054827 LowLimit 68.8	8021B: Vola Units: mg/k HighLimit 120	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene	2203839-011ams BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93	Fype: MS h ID: 66 Date: 3/ PQL 0.024 0.049	222 17/2022 SPK value 0.9709 0.9709	Tes F SPK Ref Val 0 0	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7	PA Method 6557 054827 LowLimit 68.8 73.6	8021B: Vola Units: mg/r HighLimit 120 124	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene	2203839-011ams BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95	Fype: MS h ID: 66 Date: 3/ PQL 0.024 0.049 0.049	222 17/2022 SPK value 0.9709 0.9709 0.9709	Tes F SPK Ref Val 0 0 0 0	tCode: EI RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2	PA Method 6557 054827 LowLimit 68.8 73.6 72.7	8021B: Vola Units: mg/k HighLimit 120 124 129	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	2203839-011ams BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9	Fype: MS h ID: 66 Date: 3/ PQL 0.024 0.049 0.049 0.097	222 17/2022 SPK value 0.9709 0.9709 0.9709 2.913	Tes F SPK Ref Val 0 0 0 0 0 0	tCode: EI RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7	PA Method 6557 054827 LowLimit 68.8 73.6 72.7 75.7	8021B: Vola Units: mg/F HighLimit 120 124 129 126	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron	2203839-011ams BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95	Type: MS h ID: 66 Date: 3/ PQL 0.024 0.049 0.049 0.097	222 17/2022 SPK value 0.9709 0.9709 0.9709 2.913 0.9709	Tes F SPK Ref Val 0 0 0 0 0	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3	PA Method 6557 054827 LowLimit 68.8 73.6 72.7 75.7 75.7 70	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID:	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95	Гуре: MS h ID: 66 Date: 3/ PQL 0.024 0.049 0.049 0.097	5 222 17/2022 SPK value 0.9709 0.9709 0.9709 2.913 0.9709 5D	Tes F SPK Ref Val 0 0 0 0 0 Tes	tCode: EI RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: EI	PA Method 6557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130 8021B: Vola	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID:	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd BH-34	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95 I Samp Batc	Fype: MS h ID: 66 Date: 3/ PQL 0.024 0.049 0.049 0.097 Fype: MS h ID: 66	222 17/2022 SPK value 0.9709 0.9709 0.9709 2.913 0.9709 2.913 0.9709 2.913 0.9709 2.922	Tes F SPK Ref Val 0 0 0 0 0 0 Tes F	tCode: EI RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: EI RunNo: 8	PA Method 6557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6557	8021B: Vola Units: mg/P HighLimit 120 124 129 126 130 8021B: Vola	tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date:	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95 I Samp Batc Analysis I	Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.049 0.049 0.097 Fype: MS h ID: 662 Date: 3/	5 222 17/2022 SPK value 0.9709 0.9709 2.913 0.9709 5D 222 17/2022	Tes SPK Ref Val 0 0 0 0 0 Tes F	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: El RunNo: 8 SeqNo: 3	PA Method 5557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5557 054828	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130 8021B: Vola Units: mg/k	tiles <g %RPD tiles <g< td=""><td>RPDLimit</td><td>Qual</td></g<></g 	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95 I Samp Batc Analysis I Result	Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.049 0.049 0.097 Fype: MS h ID: 662 Date: 3/ PQL	5 222 17/2022 SPK value 0.9709 0.9709 2.913 0.9709 2.913 0.9709 5D 222 17/2022 SPK value	Tes SPK Ref Val 0 0 0 0 0 Tes SPK Ref Val	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: El RunNo: 8 SeqNo: 3	PA Method 6557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6557 054828 LowLimit	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130 8021B: Vola Units: mg/k HighLimit	tiles (g %RPD tiles (g %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte Benzene	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95 I Samp Batc Analysis I Result 0.80	Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.049 0.049 0.097 Fype: MS h ID: 662 Date: 3/ PQL 0.024	5 222 17/2022 SPK value 0.9709 0.9709 2.913 0.9709 2.913 0.9709 5D 222 17/2022 SPK value 0.9690	Tes SPK Ref Val 0 0 0 0 0 Tes SPK Ref Val 0	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: El RunNo: 8 SeqNo: 3 %REC 83.0	PA Method 5557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5557 054828 LowLimit 68.8	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130 8021B: Vola Units: mg/k HighLimit 120	tiles (g %RPD tiles (g %RPD 7.40	RPDLimit RPDLimit 20	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte Benzene Toluene	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95 I Samp Batc Analysis I Result 0.80 0.87	Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.049 0.049 0.097 Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.024 0.048	5 222 17/2022 SPK value 0.9709 0.9709 2.913 0.9709 2.913 0.9709 5D 222 17/2022 SPK value 0.9690 0.9690	Tes SPK Ref Val 0 0 0 0 0 Tes SPK Ref Val 0 0	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: El RunNo: 8 SeqNo: 3 %REC 83.0 89.4	PA Method 5557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5557 054828 LowLimit 68.8 73.6	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130 8021B: Vola Units: mg/k HighLimit 120 124	tiles (g %RPD tiles (g %RPD 7.40 7.08	RPDLimit RPDLimit 20 20	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95 I Samp Batc Analysis I Result 0.80 0.87 0.89	Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.049 0.049 0.049 0.097 Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.048 0.048 0.048	5 222 5 77/2022 5 7/2022 0.9709 0.9709 2.913 0.9709 2.913 0.9709 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	Tes SPK Ref Val 0 0 0 0 0 Tes SPK Ref Val 0 0 0 0	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: El RunNo: 8 SeqNo: 3 %REC 83.0 89.4 91.6	PA Method 5557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5557 054828 LowLimit 68.8 73.6 72.7	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130 8021B: Vola Units: mg/k HighLimit 120 124 129	tiles <g %RPD tiles <g %RPD 7.40 7.08 7.13</g </g 	RPDLimit RPDLimit 20 20 20	Qual
Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	2203839-011ams BH-34 3/16/2022 nofluorobenzene 2203839-011amsd BH-34 3/16/2022	Samp Batc Analysis I Result 0.87 0.93 0.95 2.9 0.95 I Samp Batc Analysis I Result 0.80 0.87 0.89 2.7	Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.049 0.049 0.049 0.097 Fype: MS h ID: 662 Date: 3/ PQL 0.024 0.024 0.048 0.048 0.048 0.097	222 3PK value 0.9709 0.9709 0.9709 2.913 0.9709 3D 222 17/2022 SPK value 0.9690 0.9690 0.9690 0.9690 2.907	Tes SPK Ref Val 0 0 0 0 0 Tes SPK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: El RunNo: 8 SeqNo: 3 %REC 89.2 95.7 98.2 98.7 98.3 tCode: El RunNo: 8 SeqNo: 3 %REC 83.0 89.4 91.6 92.0	PA Method 5557 054827 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5557 054828 LowLimit 68.8 73.6 72.7 75.7 70	8021B: Vola Units: mg/k HighLimit 120 124 129 126 130 8021B: Vola Units: mg/k HighLimit 120 124 129 126	tiles <g %RPD tiles <g %RPD 7.40 7.08 7.13 7.29</g </g 	RPDLimit RPDLimit 20 20 20 20 20 20	Qual

Qualifiers:

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

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2203839

GHD Midland

Yates AS Fee Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Sample ID: Ics-66221	SampT	ype: LC	S	Test	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch	n ID: 662	221	R	unNo: 80	6561				
Prep Date: 3/16/2022	Analysis D	ate: 3/	17/2022	S	eqNo: 30	054937	Units: mg/Kg	g		
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	0.90	0.050	1.000	0	90.2	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.6	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.1	70	130			
Sample ID: mb-66221	SampT	уре: МВ	LK	Test	tCode: EF	PA Method	8021B: Volati	les		
Sample ID: mb-66221 Client ID: PBS	SampT Batch	ype: ME	3LK 221	Test R	tCode: EF	PA Method 6561	8021B: Volati	les		
Sample ID: mb-66221 Client ID: PBS Prep Date: 3/16/2022	SampT Batch Analysis D	ype: MB 1D: 662 ate: 3/	3LK 221 17/2022	Test R S	tCode: EF tunNo: 86 GeqNo: 36	PA Method 5561 054938	8021B: Volati Units: mg/Kg	les g		
Sample ID: mb-66221 Client ID: PBS Prep Date: 3/16/2022 Analyte	SampT Batch Analysis D Result	ype: ME 1D: 662 ate: 3/ PQL	BLK 221 17/2022 SPK value	Test R S SPK Ref Val	tCode: EF tunNo: 86 SeqNo: 36 %REC	PA Method 5561 054938 LowLimit	8021B: Volati Units: mg/Kg HighLimit	les g %RPD	RPDLimit	Qual
Sample ID: mb-66221 Client ID: PBS Prep Date: 3/16/2022 Analyte Benzene	SampT Batch Analysis D Result ND	ype: MB ID: 662 ate: 3/ PQL 0.025	BLK 221 17/2022 SPK value	Tesi R SPK Ref Val	tCode: EF RunNo: 86 GeqNo: 30 %REC	PA Method 6561 054938 LowLimit	8021B: Volati Units: mg/Kg HighLimit	les g %RPD	RPDLimit	Qual
Sample ID: mb-66221 Client ID: PBS Prep Date: 3/16/2022 Analyte Benzene Toluene	SampT Batch Analysis D Result ND ND	ype: MB ID: 662 ate: 3/ PQL 0.025 0.050	SLK 221 17/2022 SPK value	Test R SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 36 %REC	PA Method 5561 554938 LowLimit	8021B: Volati Units: mg/Kg HighLimit	les g %RPD	RPDLimit	Qual
Sample ID: mb-66221 Client ID: PBS Prep Date: 3/16/2022 Analyte Benzene Toluene Ethylbenzene	SampT Batch Analysis D Result ND ND ND	ype: ME DD: 662 ate: 3/ PQL 0.025 0.050 0.050	SLK 221 17/2022 SPK value	Test R SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 36 %REC	PA Method 5561 054938 LowLimit	8021B: Volati Units: mg/Kg HighLimit	les g %RPD	RPDLimit	Qual
Sample ID: mb-66221 Client ID: PBS Prep Date: 3/16/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batch Analysis D Result ND ND ND ND	ype: ME a ID: 662 ate: 3/ PQL 0.025 0.050 0.050 0.10	3LK 221 17/2022 SPK value	Test R S SPK Ref Val	tCode: EF RunNo: 86 SeqNo: 36 %REC	PA Method 5561 054938 LowLimit	8021B: Volati Units: mg/Kg HighLimit	les g %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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ANALYSIS LABORATORY	Hall Environmental Albi TEL: 505-345-3975 Website: clients.ha	Analy 49(uquera FAX; ullenvi	sis Laborator 11 Hawkins NI 100 NM 8710 505-345-410 ronmental.com	1 5 7	Sar	nple Log-In Check List
Client Name: GHD Midland	Work Order Number:	220	3839			RcptNo: 1
Received By: Tracy Casarrubias	3/16/2022 8:00:00 AM					
Completed By: Tracy Casarrubias	3/16/2022 9:52:10 AM					
Reviewed By: JN3/16/22						
Chain of Custody						
1. Is Chain of Custody complete?		Yes		No		Not Present
2. How was the sample delivered?		<u>Cou</u>	rier			
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		
5. Sample(s) in proper container(s)?		Yes		No		
6. Sufficient sample volume for indicated test(s)	?	Yes		No		
7. Are samples (except VOA and ONG) properly	preserved?	Yes	\checkmark	No		
8. Was preservative added to bottles?		Yes		No		
9. Received at least 1 vial with headspace <1/4'	for AQ VOA?	Yes		No		NA 🗹
10. Were any sample containers received broker	1?	Yes		No	•	# of preserved
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No		for pH:
2. Are matrices correctly identified on Chain of C	Sustody?	Yes	\checkmark	No		Adjusted?
3. Is it clear what analyses were requested?		Yes	\checkmark	No		7/16/
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No		Checked by: KIC9 3/19
Special Handling (if applicable)						
15. Was client notified of all discrepancies with the	nis order?	Yes		No		NA 🔽
Person Notified:	Date:	-		-		
By Whom:	Via:] eMa	ail 🗌 Phon	e 🗌	Fax	In Person
Regarding:						
Client Instructions:						
IO. Additional remarks:						
17. <u>Cooler Information</u> Cooler No Temp ^o C Condition Se	al Intact Seal No Se	eal D:	ate Sig	ned I	Зv	
1 5.3 Good Yes			Ulg		-1	

Page 1 of 1

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Date Time Matrix Sample Name Cooler Temperature or: S, 1:0,2 : S, 2:C MT Name Nam Nam Nam	Cooler Temp/metuating cF): S 1 + 0.2 - S.S Container Preservative Container Preservative Type and # Type T 001 O 002 OO 003	RTEX1 MT RTEX1 MT RTEX1 MT R081 Pestic R081 Pestic <t< td=""></t<>
Date Time Matrix Sample Name Container Preservative HEAL No. KI III R A B BR B BR B BR B BR B	Name Container Preservative HEAL No Type and # Type 2203836 T T 001 T 002 N 003 N 003 N 003 N 003	A A
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If necessary, samples submitted to Hall Environmental may be subcontracted to other/accredited laboratories. T	Received by: Via: Received by: Via: 3 Received by: Via: Cc-	002 007 007 007 007 000 000 007 000 000

Keleased to Imaging: 9/13/2022 8:20:05 AM

Page 222 of 544

	HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	2:30:23 provide solution (1000 - 1	лив's DR2 P(1) DR2 P(1) DR2 P(1)	T 1 Second Second N 1, N 1	ATBE Metals Metals Mod (Mod (LEX/1 2112 2112 2112 2112 2112 2112 2112 2	 4 4<	8					Remarks: Please email: Chase, Sottlo@	Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com; Zach.Comino@ghd.com listed above. Direct Bill to EOG Chase Settle	possibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time:	D Standard M Rush 5-0	Project Name:	We de l' RI	Project #:	1120 0401	Project Manazar	Becky Haskell	Sampler: Zach Comino	On Ice: X Yes D No	# or coolers: 1 Cooler Temp(ineluding cs): S i + ひ Z - S ? ℃	Container Preservative HEAL No. Type and # Type	Tay 1200000						Received by: Via: Date Time	WWWWWW 3/15/37 800 Received by: Via. Co. Date Time 3/16/22 8:00	ntracted to other accredited laboratories. This serves as notice of this p
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:	Accreditation: Az Compliance			Date Time Matrix Sample Name	03142 1215 S' BH-39						Date: Time: Relinquished by:	ate; Time: Relinquished by: Film of the fi	



April 04, 2022

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

RE: Yates AS Battery

OrderNo.: 2203932

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 16 sample(s) on 3/17/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland	Client Sample ID: BH-40									
Project:	Yates AS Battery		(Collect	ion Dat	e: 3/1	5/2022 10:00:00 AM				
Lab ID:	2203932-002	Matrix: SOIL		Recei	ved Dat	e: 3/1	7/2022 7:00:00 AM				
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS						Analyst	LRN			
Chloride		490	60		mg/Kg	20	3/23/2022 12:56:58 PM	66353			
EPA MET	HOD 8015M/D: DIESEL RANGE	E ORGANICS					Analyst	SB			
Diesel Ra	ange Organics (DRO)	1900	94		mg/Kg	10	3/18/2022 3:04:43 PM	66242			
Motor Oi	I Range Organics (MRO)	1100	470		mg/Kg	10	3/18/2022 3:04:43 PM	66242			
Surr: [DNOP	0	51.1-141	S	%Rec	10	3/18/2022 3:04:43 PM	66242			
EPA MET	HOD 8015D: GASOLINE RANG	E					Analyst	BRM			
Gasoline	Range Organics (GRO)	ND	23		mg/Kg	5	3/18/2022 7:15:00 PM	66237			
Surr: E	3FB	132	70-130	S	%Rec	5	3/18/2022 7:15:00 PM	66237			
EPA MET	HOD 8021B: VOLATILES						Analyst	BRM			
Benzene		ND	0.12		mg/Kg	5	3/18/2022 7:15:00 PM	66237			
Toluene		ND	0.23		mg/Kg	5	3/18/2022 7:15:00 PM	66237			
Ethylben	zene	ND	0.23		mg/Kg	5	3/18/2022 7:15:00 PM	66237			
Xylenes,	Total	ND	0.46		mg/Kg	5	3/18/2022 7:15:00 PM	66237			
Surr: 4	4-Bromofluorobenzene	92.0	70-130		%Rec	5	3/18/2022 7:15:00 PM	66237			

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

Qualifiers:

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

Page 1 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-41	
Project:	Yates AS Battery		(Collection Date	e: 3/1	15/2022 10:05:00 AM	
Lab ID:	2203932-003	Matrix: SOIL		Received Date	e: 3/1	17/2022 7:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1200	60	mg/Kg	20	3/22/2022 6:47:07 PM	66322
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	11	9.8	mg/Kg	1	3/21/2022 4:08:30 PM	66266
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/21/2022 4:08:30 PM	66266
Surr: [DNOP	107	51.1-141	%Rec	1	3/21/2022 4:08:30 PM	66266
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/18/2022 10:58:10 PM	66251
Surr: E	BFB	108	70-130	%Rec	1	3/18/2022 10:58:10 PM	66251
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB
Benzene)	ND	0.024	mg/Kg	1	3/18/2022 10:58:10 PM	66251
Toluene		ND	0.048	mg/Kg	1	3/18/2022 10:58:10 PM	66251
Ethylben	izene	ND	0.048	mg/Kg	1	3/18/2022 10:58:10 PM	66251
Xylenes,	Total	ND	0.095	mg/Kg	1	3/18/2022 10:58:10 PM	66251
Surr: 4	4-Bromofluorobenzene	98.9	70-130	%Rec	1	3/18/2022 10:58:10 PM	66251

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

Qualifiers:

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

Page 2 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	H-42	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	15/2022 10:10:00 AM	
Lab ID:	2203932-004	Matrix: SOIL		Received Dat	e: 3/1	17/2022 7:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		1700	60	mg/Kg	20	3/22/2022 7:24:19 PM	66322
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	87	48	mg/Kg	5	3/22/2022 3:09:40 PM	66266
Motor Oi	I Range Organics (MRO)	350	240	mg/Kg	5	3/22/2022 3:09:40 PM	66266
Surr: [DNOP	77.1	51.1-141	%Rec	5	3/22/2022 3:09:40 PM	66266
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/19/2022 12:08:29 AM	66251
Surr: E	3FB	106	70-130	%Rec	1	3/19/2022 12:08:29 AM	66251
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/19/2022 12:08:29 AM	66251
Toluene		ND	0.048	mg/Kg	1	3/19/2022 12:08:29 AM	66251
Ethylben	zene	ND	0.048	mg/Kg	1	3/19/2022 12:08:29 AM	66251
Xylenes,	Total	ND	0.095	mg/Kg	1	3/19/2022 12:08:29 AM	66251
Surr: 4	4-Bromofluorobenzene	95.9	70-130	%Rec	1	3/19/2022 12:08:29 AM	66251

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

Qualifiers:

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

Page 3 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland	Client Sample ID: BH-43							
Project:	Yates AS Battery		(Collect	ion Dat	e: 3/1	5/2022 10:15:00 AM		
Lab ID:	2203932-005	Matrix: SOIL		Recei	ved Dat	e: 3/1	7/2022 7:00:00 AM		
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS						Analyst	LRN	
Chloride		740	61		mg/Kg	20	3/22/2022 7:36:43 PM	66322	
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS					Analyst	SB	
Diesel R	ange Organics (DRO)	390	200		mg/Kg	20	3/21/2022 4:30:04 PM	66266	
Motor Oi	I Range Organics (MRO)	1200	1000		mg/Kg	20	3/21/2022 4:30:04 PM	66266	
Surr: [DNOP	0	51.1-141	S	%Rec	20	3/21/2022 4:30:04 PM	66266	
EPA MET	HOD 8015D: GASOLINE RAN	IGE					Analyst	NSB	
Gasoline	Range Organics (GRO)	ND	4.8		mg/Kg	1	3/19/2022 1:18:53 AM	66251	
Surr: E	3FB	101	70-130		%Rec	1	3/19/2022 1:18:53 AM	66251	
ЕРА МЕТ	HOD 8021B: VOLATILES						Analyst	: NSB	
Benzene		ND	0.024		mg/Kg	1	3/19/2022 1:18:53 AM	66251	
Toluene		ND	0.048		mg/Kg	1	3/19/2022 1:18:53 AM	66251	
Ethylben	zene	ND	0.048		mg/Kg	1	3/19/2022 1:18:53 AM	66251	
Xylenes,	Total	ND	0.095		mg/Kg	1	3/19/2022 1:18:53 AM	66251	
Surr: 4	4-Bromofluorobenzene	94.2	70-130		%Rec	1	3/19/2022 1:18:53 AM	66251	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	I-44	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	5/2022 10:18:00 AM	
Lab ID:	2203932-006	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		1100	60	mg/Kg	20	3/23/2022 1:59:01 PM	66353
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	310	49	mg/Kg	5	3/22/2022 3:20:25 PM	66266
Motor Oi	I Range Organics (MRO)	740	240	mg/Kg	5	3/22/2022 3:20:25 PM	66266
Surr: [DNOP	121	51.1-141	%Rec	5	3/22/2022 3:20:25 PM	66266
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/19/2022 1:42:20 AM	66251
Surr: E	3FB	106	70-130	%Rec	1	3/19/2022 1:42:20 AM	66251
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.025	mg/Kg	1	3/19/2022 1:42:20 AM	66251
Toluene		ND	0.049	mg/Kg	1	3/19/2022 1:42:20 AM	66251
Ethylben	zene	ND	0.049	mg/Kg	1	3/19/2022 1:42:20 AM	66251
Xylenes,	Total	ND	0.099	mg/Kg	1	3/19/2022 1:42:20 AM	66251
Surr: 4	1-Bromofluorobenzene	97.2	70-130	%Rec	1	3/19/2022 1:42:20 AM	66251

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample I	D: BI	I-45	
Project:	Yates AS Battery		(Collection Da	te: 3/1	5/2022 10:00:00 AM	
Lab ID:	2203932-007	Matrix: SOIL		Received Da	te: 3 /1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1900	60	mg/Kg	20	3/23/2022 2:11:25 PM	66353
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	190	10	mg/Kg	1	3/22/2022 2:27:03 PM	66266
Motor Oi	I Range Organics (MRO)	410	50	mg/Kg	1	3/22/2022 2:27:03 PM	66266
Surr: [DNOP	114	51.1-141	%Rec	1	3/22/2022 2:27:03 PM	66266
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/19/2022 2:05:44 AM	66251
Surr: E	BFB	104	70-130	%Rec	1	3/19/2022 2:05:44 AM	66251
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	3/19/2022 2:05:44 AM	66251
Toluene		ND	0.049	mg/Kg	1	3/19/2022 2:05:44 AM	66251
Ethylben	izene	ND	0.049	mg/Kg	1	3/19/2022 2:05:44 AM	66251
Xylenes,	Total	ND	0.098	mg/Kg	1	3/19/2022 2:05:44 AM	66251
Surr: 4	4-Bromofluorobenzene	96.2	70-130	%Rec	1	3/19/2022 2:05:44 AM	66251

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	I-46	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	5/2022 10:25:00 AM	
Lab ID:	2203932-008	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		520	60	mg/Kg	20	3/23/2022 2:23:50 PM	66353
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	500	9.9	mg/Kg	1	3/22/2022 2:48:21 PM	66266
Motor Oi	il Range Organics (MRO)	400	49	mg/Kg	1	3/22/2022 2:48:21 PM	66266
Surr: I	DNOP	102	51.1-141	%Rec	1	3/22/2022 2:48:21 PM	66266
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/19/2022 2:29:08 AM	66251
Surr: I	BFB	104	70-130	%Rec	1	3/19/2022 2:29:08 AM	66251
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/19/2022 2:29:08 AM	66251
Toluene		ND	0.048	mg/Kg	1	3/19/2022 2:29:08 AM	66251
Ethylben	izene	ND	0.048	mg/Kg	1	3/19/2022 2:29:08 AM	66251
Xylenes,	Total	ND	0.097	mg/Kg	1	3/19/2022 2:29:08 AM	66251
Surr: 4	4-Bromofluorobenzene	96.8	70-130	%Rec	1	3/19/2022 2:29:08 AM	66251

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	I-47	
Project:	Yates AS Battery		(Collect	ion Dat	e: 3/1	5/2022 10:30:00 AM	
Lab ID:	2203932-009	Matrix: SOIL		Recei	ved Dat	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	: LRN
Chloride		550	60		mg/Kg	20	3/23/2022 2:36:14 PM	66353
EPA MET	THOD 8015M/D: DIESEL RAN	IGE ORGANICS					Analyst	: SB
Diesel R	ange Organics (DRO)	6400	190		mg/Kg	20	3/21/2022 5:13:10 PM	66266
Motor Oi	I Range Organics (MRO)	3400	930		mg/Kg	20	3/21/2022 5:13:10 PM	66266
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/21/2022 5:13:10 PM	66266
EPA MET	THOD 8015D: GASOLINE RA	NGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.7		mg/Kg	1	3/19/2022 2:52:34 AM	66251
Surr: I	BFB	125	70-130		%Rec	1	3/19/2022 2:52:34 AM	66251
EPA MET	THOD 8021B: VOLATILES						Analyst	: NSB
Benzene	9	ND	0.023		mg/Kg	1	3/19/2022 2:52:34 AM	66251
Toluene		ND	0.047		mg/Kg	1	3/19/2022 2:52:34 AM	66251
Ethylben	izene	0.058	0.047		mg/Kg	1	3/19/2022 2:52:34 AM	66251
Xylenes,	Total	0.15	0.094		mg/Kg	1	3/19/2022 2:52:34 AM	66251
Surr: 4	4-Bromofluorobenzene	101	70-130		%Rec	1	3/19/2022 2:52:34 AM	66251

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

Qualifiers:

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

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Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	H-48	
Project:	Yates AS Battery		(Collect	ion Dat	e: 3/1	5/2022 10:35:00 AM	
Lab ID:	2203932-010	Matrix: SOIL		Recei	ved Dat	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	: LRN
Chloride		260	60		mg/Kg	20	3/23/2022 2:48:39 PM	66353
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	1200	190		mg/Kg	20	3/21/2022 5:23:54 PM	66266
Motor Oi	I Range Organics (MRO)	1400	970		mg/Kg	20	3/21/2022 5:23:54 PM	66266
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/21/2022 5:23:54 PM	66266
EPA MET	THOD 8015D: GASOLINE RANGI	E					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.9		mg/Kg	1	3/19/2022 3:15:56 AM	66251
Surr: I	BFB	126	70-130		%Rec	1	3/19/2022 3:15:56 AM	66251
EPA MET	THOD 8021B: VOLATILES						Analyst	: NSB
Benzene	9	ND	0.025		mg/Kg	1	3/19/2022 3:15:56 AM	66251
Toluene		ND	0.049		mg/Kg	1	3/19/2022 3:15:56 AM	66251
Ethylben	izene	ND	0.049		mg/Kg	1	3/19/2022 3:15:56 AM	66251
Xylenes,	Total	0.11	0.099		mg/Kg	1	3/19/2022 3:15:56 AM	66251
Surr: 4	4-Bromofluorobenzene	98.9	70-130		%Rec	1	3/19/2022 3:15:56 AM	66251

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	H-49	
Project:	Yates AS Battery		(Collect	ion Dat	e: 3/1	5/2022 10:40:00 AM	
Lab ID:	2203932-011	Matrix: SOIL		Recei	ved Dat	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	LRN
Chloride		970	61		mg/Kg	20	3/23/2022 3:01:03 PM	66353
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	8900	200		mg/Kg	20	3/21/2022 5:34:38 PM	66266
Motor Oi	il Range Organics (MRO)	3800	990		mg/Kg	20	3/21/2022 5:34:38 PM	66266
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/21/2022 5:34:38 PM	66266
EPA MET	THOD 8015D: GASOLINE RANG	E					Analyst	: NSB
Gasoline	e Range Organics (GRO)	19	5.0		mg/Kg	1	3/19/2022 4:49:16 AM	66251
Surr: I	BFB	236	70-130	S	%Rec	1	3/19/2022 4:49:16 AM	66251
EPA MET	THOD 8021B: VOLATILES						Analyst	: NSB
Benzene	9	ND	0.025		mg/Kg	1	3/19/2022 4:49:16 AM	66251
Toluene		ND	0.050		mg/Kg	1	3/19/2022 4:49:16 AM	66251
Ethylben	izene	0.28	0.050		mg/Kg	1	3/19/2022 4:49:16 AM	66251
Xylenes,	Total	0.58	0.10		mg/Kg	1	3/19/2022 4:49:16 AM	66251
Surr: 4	4-Bromofluorobenzene	111	70-130		%Rec	1	3/19/2022 4:49:16 AM	66251

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland	Client Sample ID: BH-50							
Project:	Yates AS Battery		(Collection Dat	e: 3/1	5/2022 10:45:00 AM			
Lab ID:	2203932-012	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:00:00 AM			
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	LRN		
Chloride		140	60	mg/Kg	20	3/23/2022 3:13:27 PM	66353		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel R	ange Organics (DRO)	130	48	mg/Kg	5	3/22/2022 3:41:42 PM	66266		
Motor Oi	I Range Organics (MRO)	400	240	mg/Kg	5	3/22/2022 3:41:42 PM	66266		
Surr: [DNOP	65.1	51.1-141	%Rec	5	3/22/2022 3:41:42 PM	66266		
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	3/19/2022 5:12:36 AM	66251		
Surr: E	BFB	105	70-130	%Rec	1	3/19/2022 5:12:36 AM	66251		
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB		
Benzene		ND	0.023	mg/Kg	1	3/19/2022 5:12:36 AM	66251		
Toluene		ND	0.047	mg/Kg	1	3/19/2022 5:12:36 AM	66251		
Ethylben	izene	ND	0.047	mg/Kg	1	3/19/2022 5:12:36 AM	66251		
Xylenes,	Total	ND	0.094	mg/Kg	1	3/19/2022 5:12:36 AM	66251		
Surr: 4	4-Bromofluorobenzene	97.2	70-130	%Rec	1	3/19/2022 5:12:36 AM	66251		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-51	
Project:	Yates AS Battery		(Collection Date	e: 3/1	5/2022 10:50:00 AM	
Lab ID:	2203932-013	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		2600	150	mg/Kg	50	3/24/2022 12:51:11 PM	66353
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	110	49	mg/Kg	5	3/22/2022 4:02:57 PM	66266
Motor Oil	Range Organics (MRO)	310	240	mg/Kg	5	3/22/2022 4:02:57 PM	66266
Surr: E	DNOP	73.8	51.1-141	%Rec	5	3/22/2022 4:02:57 PM	66266
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/19/2022 5:35:52 AM	66251
Surr: E	3FB	106	70-130	%Rec	1	3/19/2022 5:35:52 AM	66251
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/19/2022 5:35:52 AM	66251
Toluene		ND	0.048	mg/Kg	1	3/19/2022 5:35:52 AM	66251
Ethylben	zene	ND	0.048	mg/Kg	1	3/19/2022 5:35:52 AM	66251
Xylenes,	Total	ND	0.096	mg/Kg	1	3/19/2022 5:35:52 AM	66251
Surr: 4	I-Bromofluorobenzene	96.1	70-130	%Rec	1	3/19/2022 5:35:52 AM	66251

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

Qualifiers:

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

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Date Reported: 4/4/2022

CLIENT:	GHD Midland	Client Sample ID: BH-52							
Project:	Yates AS Battery		(Collection Date	e: 3/1	5/2022 10:55:00 AM			
Lab ID:	2203932-014	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:00:00 AM			
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	MRA		
Chloride		4800	300	mg/Kg	100	3/24/2022 1:03:35 PM	66353		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	3/21/2022 6:06:43 PM	66266		
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/21/2022 6:06:43 PM	66266		
Surr: [DNOP	91.3	51.1-141	%Rec	1	3/21/2022 6:06:43 PM	66266		
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/19/2022 5:59:08 AM	66251		
Surr: E	BFB	105	70-130	%Rec	1	3/19/2022 5:59:08 AM	66251		
ЕРА МЕТ	THOD 8021B: VOLATILES					Analyst	: NSB		
Benzene)	ND	0.025	mg/Kg	1	3/19/2022 5:59:08 AM	66251		
Toluene		ND	0.050	mg/Kg	1	3/19/2022 5:59:08 AM	66251		
Ethylben	izene	ND	0.050	mg/Kg	1	3/19/2022 5:59:08 AM	66251		
Xylenes,	Total	ND	0.099	mg/Kg	1	3/19/2022 5:59:08 AM	66251		
Surr: 4	4-Bromofluorobenzene	96.6	70-130	%Rec	1	3/19/2022 5:59:08 AM	66251		

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

Qualifiers:

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

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Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BF	H-53	
Project:	Yates AS Battery		(Collect	tion Dat	e: 3/1	5/2022 11:00:00 AM	
Lab ID:	2203932-015	Matrix: SOIL		Recei	ved Dat	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	: LRN
Chloride		410	60		mg/Kg	20	3/23/2022 4:15:29 PM	66353
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	880	190		mg/Kg	20	3/21/2022 6:17:22 PM	66266
Motor Oi	I Range Organics (MRO)	1100	960		mg/Kg	20	3/21/2022 6:17:22 PM	66266
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/21/2022 6:17:22 PM	66266
EPA MET	THOD 8015D: GASOLINE RAM	NGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8		mg/Kg	1	3/19/2022 6:22:26 AM	66251
Surr: I	BFB	140	70-130	S	%Rec	1	3/19/2022 6:22:26 AM	66251
EPA MET	THOD 8021B: VOLATILES						Analyst	: NSB
Benzene	3	ND	0.024		mg/Kg	1	3/19/2022 6:22:26 AM	66251
Toluene		ND	0.048		mg/Kg	1	3/19/2022 6:22:26 AM	66251
Ethylben	izene	ND	0.048		mg/Kg	1	3/19/2022 6:22:26 AM	66251
Xylenes,	Total	ND	0.096		mg/Kg	1	3/19/2022 6:22:26 AM	66251
Surr: 4	4-Bromofluorobenzene	101	70-130		%Rec	1	3/19/2022 6:22:26 AM	66251

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203932

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II): BF	I-54	
Project:	Yates AS Battery		(Collect	ion Dat	e: 3/1	5/2022 11:05:00 AM	
Lab ID:	2203932-016	Matrix: SOIL		Recei	ved Dat	e: 3/1	7/2022 7:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	LRN
Chloride		710	60		mg/Kg	20	3/23/2022 4:27:53 PM	66353
EPA MET	HOD 8015M/D: DIESEL RAN	IGE ORGANICS					Analyst	: SB
Diesel Ra	ange Organics (DRO)	5000	200		mg/Kg	20	3/21/2022 6:28:02 PM	66266
Motor Oi	I Range Organics (MRO)	2500	990		mg/Kg	20	3/21/2022 6:28:02 PM	66266
Surr: [DNOP	0	51.1-141	S	%Rec	20	3/21/2022 6:28:02 PM	66266
EPA MET	HOD 8015D: GASOLINE RAI	NGE					Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9		mg/Kg	1	3/19/2022 6:45:39 AM	66251
Surr: E	3FB	124	70-130		%Rec	1	3/19/2022 6:45:39 AM	66251
EPA MET	HOD 8021B: VOLATILES						Analyst	: NSB
Benzene		ND	0.025		mg/Kg	1	3/19/2022 6:45:39 AM	66251
Toluene		ND	0.049		mg/Kg	1	3/19/2022 6:45:39 AM	66251
Ethylben	zene	ND	0.049		mg/Kg	1	3/19/2022 6:45:39 AM	66251
Xylenes,	Total	ND	0.098		mg/Kg	1	3/19/2022 6:45:39 AM	66251
Surr: 4	1-Bromofluorobenzene	95.5	70-130		%Rec	1	3/19/2022 6:45:39 AM	66251

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

Qualifiers:

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

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Client: Project:	GHD M Yates A	lidland S Battery										
Sample ID:	MB-66353	SampTy	pe: ml	olk	TestCode: EPA Method 300.0: Anions							
Client ID:	PBS	RunNo: 86719										
Prep Date:	ep Date: 3/23/2022 Analysis Date: 3/23/2022					SeqNo: 3061682			Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		ND	1.5									
Sample ID:	LCS-66353	SampTy	pe: Ics	5	Test	Code: EF	PA Method	300.0: Anion	s			
Client ID:	LCSS	Batch	ID: 66	353	R	unNo: 86	6719					
Prep Date:	3/23/2022	Analysis Da	te: 3/	23/2022	S	eqNo: 30	061683	Units: mg/K	g			
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				

Qualifiers:

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

QC SUMMARY REPORT Hall Environn

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AKI KEPUKI	WO#:	2203932
nental Analysis Laboratory, Inc.		04-Apr-22

Client:	GHD Mid	dland									
Project:	Yates AS	Battery									
Sample ID:	LCS-66242	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 66	242	F	RunNo: 80	6572				
Prep Date:	3/17/2022	Analysis D	ate: 3/	18/2022	5	SeqNo: 30	057105	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	92.0	68.9	135			
Surr: DNOP		3.8		5.000		75.5	51.1	141			
Sample ID:	MB-66242	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	n ID: 66	242	F	RunNo: 8	6572				
Prep Date:	3/17/2022	Analysis D	ate: 3/	18/2022	S	SeqNo: 3	057109	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 Rang	je Organics (MRO)	ND	50	40.00		00.0	54.4				
Surr: DNOP		8.3		10.00		82.6	51.1	141			
Sample ID:	LCS-66266	SampT	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	LCSS	Batch ID: 66266 RunNo: 86603									
Prep Date:	3/18/2022	Analysis D	ate: 3/	21/2022	S	SeqNo: 30	057395	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	87.1	68.9	135			
Surr: DNOP		4.1		5.000		81.3	51.1	141			
Sample ID:	MB-66266	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	n ID: 66	266	F	RunNo: 80	603				
Prep Date:	3/18/2022	Analysis D	ate: 3/	21/2022	8	SeqNo: 30	057397	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 Rang	e Organics (MRO)	ND	50								
Surr: DNOP		9.1		10.00		90.7	51.1	141			
Sample ID:	2203932-003AMS	SampT	уре: М	6	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	BH-41	Batch	n ID: 66	266	F	RunNo: 8	603				
Prep Date:	3/18/2022	Analysis D	ate: 3/	21/2022	5	SeqNo: 30	058425	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	58	9.9	49.46	11.01	95.2	36.1	154			
Surr: DNOP		3.8		4.946		77.2	51.1	141			

Qualifiers:

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

QC DUI	Lell Environmental Analysis Laboratory Inc.						
Hall Environmental Analysis Laboratory, Inc.							
Client:	GHD Midland						
Project:	Yates AS Battery						

Sample ID: 2203932-003AMSD SampType: MSD				TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: BH-41	Batch	ID: 66	266	R	RunNo: 8	6603				
Prep Date: 3/18/2022	Analysis D	ate: 3/	21/2022	S	SeqNo: 3	058426	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	260	9.7	48.40	11.01	515	36.1	154	127	33.9	RS
Surr: DNOP	4.0		4.840		82.1	51.1	141	0	0	

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

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Client: Project:	GHD Mic Yates AS	lland Battery									
Sample ID: I	mb-66251	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batc	h ID: 66	251	F	RunNo: 8	6597				
Prep Date:	3/17/2022	Analysis [Date: 3/	19/2022	S	SeqNo: 3	056691	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Surr: BFB	Organics (GRO)	ND 1100	5.0	1000		106	70	130			
Sample ID: I	cs-66251	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batc	h ID: 66	251	F	RunNo: 8	6597				
Prep Date:	3/17/2022	Analysis [Date: 3/	18/2022	S	SeqNo: 3	056692	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	97.6	78.6	131			
Surr: BFB		2200		1000		216	70	130			S
Sample ID:	2203932-003ams	Samp	Гуре: М	3	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	BH-41	Batc	h ID: 66	251	F	RunNo: 8	6597				
Prep Date:	3/17/2022	Analysis [Date: 3/	18/2022	S	SeqNo: 3	056694	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	28	4.8	23.90	0	116	70	130			
Surr: BFB		2300		956.0		246	70	130			S
Sample ID:	2203932-003amsd	Samp	Гуре: М	SD	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	BH-41	Batc	h ID: 66	251	F	RunNo: 8	6597				
Prep Date:	3/17/2022	Analysis I	Date: 3/	18/2022	S	SeqNo: 3	056695	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	28	4.8	23.95	0	119	70	130	2.75	20	
Surr: BFB		2300		957.9		239	70	130	0	0	S
Sample ID: I	cs-66237	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batc	h ID: 66	237	F	RunNo: 8	6599				
Prep Date:	3/17/2022	Analysis [Date: 3/	18/2022	5	SeqNo: 3	056824	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	27	5.0	25.00	0	108	78.6	131			
Surr: BFB		2300		1000		229	70	130			S
Sample ID:	mb-66237	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batc	h ID: 66	237	F	RunNo: 8	6599				
Prep Date:	3/17/2022	Analysis [Date: 3/	18/2022	5	SeqNo: 3	056825	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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04-Apr-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: GHD Project: Yate	Midland S AS Battery									
Sample ID: mb-66237	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e				
Client ID: PBS	D: PBS Batch ID: 66237			RunNo: 86599						
Prep Date: 3/17/2022	Analysis E	Date: 3/	18/2022	S	eqNo: 30)56825	Units: mg/K	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO	ND	5.0								
Surr: BFB	1100		1000		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
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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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GHD Midland

Yates AS Battery

Client:

Project:

Sample ID: mb-66251

Prep Date: 3/17/2022

Client ID: PBS

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

Batch ID: 66251

Analysis Date: 3/19/2022

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	0.98		1.000		98.2	70	130			
Sample ID: LCS-66251	Samp ⁻	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 66	251	F	RunNo: 8	6597				
Prep Date: 3/17/2022	Analysis [Date: 3/	18/2022	S	SeqNo: 3	056737	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	91.4	80	120			
Toluene	0.97	0.050	1.000	0	96.8	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.2	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.0	70	130			
Sample ID: 2203932-004ams	Samp ⁻	Туре: МS	6	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BH-42	Batc	h ID: 66	251	F	RunNo: 8	6597				
Prep Date: 3/17/2022	Analysis [Date: 3/	19/2022	S	SeqNo: 3	056740	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.024	0.9560	0	97.3	68.8	120			
Toluene	1.0	0.048	0.9560	0	106	73.6	124			
Ethylbenzene	1.0	0.048	0.9560	0	109	72.7	129			
Xylenes, Total	3.1	0.096	2.868	0	108	75.7	126			
Surr: 4-Bromofluorobenzene	0.94		0.9560		98.4	70	130			
Sample ID: 2203932-004amsc	I Samp ⁻	Туре: МS	SD	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BH-42	Batc	h ID: 66	251	F	RunNo: 8	6597				
Prep Date: 3/17/2022	Analysis [Date: 3/	19/2022	5	SeqNo: 3	056741	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.024	0.9579	0	97.0	68.8	120	0.189	20	
Toluene	1.0	0.048	0.9579	0	104	73.6	124	1.06	20	
Ethylbenzene	1.0	0.048	0.9579	0	107	72.7	129	1.75	20	
Xylenes, Total	3.1	0.096	2.874	0	107	75.7	126	0.581	20	
Surr: 4-Bromofluorobenzene	0.95		0.9579		99.0	70	130	0	0	

TestCode: EPA Method 8021B: Volatiles

Units: mg/Kg

RunNo: 86597

SeqNo: 3056736

Qualifiers:

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

2203932

04-Apr-22

WO#:

Client:

Project:

Sample ID: Ics-66237

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

в	Analyte	detec	ted

- ed in the associated Method Blank
- J
- Р Sample pH Not In Range
- RL Reporting Limit

- Analyte detected below quantitation limits
- ~ e de
- E Estimated value

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

Client ID: LCSS	Batc	h ID: 662	237	R	lunNo: 8	6599				
Prep Date: 3/17/2022	Analysis E	Date: 3/	18/2022	S	eqNo: 3	056847	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	0.92	0.050	1.000	0	92.3	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.0	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.4	70	130			
Sample ID: mb-66237	SampT	ype: ME	LK	Test	tCode: EF	PA Method	8021B: Volat	iles		
Client ID [.] PBS	Dete		037	R	unNo: 8	6599				
	Datc	110. 004	-07							
Prep Date: 3/17/2022	Analysis E	Date: 3/	18/2022	S	SeqNo: 3	056848	Units: mg/K	g		
Prep Date: 3/17/2022 Analyte	Analysis E Result	Date: 3/ PQL	18/2022 SPK value	S SPK Ref Val	eqNo: 30 %REC	056848 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Prep Date: 3/17/2022 Analyte Benzene	Analysis I Result ND	Date: 3/ PQL 0.025	18/2022 SPK value	SPK Ref Val	SeqNo: 30 %REC	056848 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Prep Date: 3/17/2022 Analyte Benzene Toluene	Analysis E Result ND ND	Date: 3/ PQL 0.025 0.050	18/2022 SPK value	SPK Ref Val	SeqNo: 30	056848 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Prep Date: 3/17/2022 Analyte Benzene Toluene Ethylbenzene	Analysis E Result ND ND ND	Date: 3/ PQL 0.025 0.050 0.050	18/2022 SPK value	SPK Ref Val	SeqNo: 30 %REC	056848 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Prep Date: 3/17/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Analysis E Result ND ND ND ND	Date: 3/ PQL 0.025 0.050 0.050 0.10	18/2022 SPK value	SPK Ref Val	SeqNo: 36	056848 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual

TestCode: EPA Method 8021B: Volatiles

GHD Midland Yates AS Battery

SampType: LCS

- WO#: 2203932
 - 04-Apr-22

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HALL ENVIRONMENTA ANALYSIS LABORATORY	AL.	Hall Environm TEL: 505-345- Website: clien	ental Analysis 4901 H Albuquerque, 3975 FAX: 503 ts.hallenvirom	Laboratory awkins NE NM 87109 -345-4107 nental.com	Sai	mple Log-In Check List
Client Name; GHD Midlar	nd	Work Order Nun	ber: 220393	2		RcptNo: 1
Received By: Cheyenne	Cason	3/17/2022 7:00:00	АМ	ch	l	
Completed By: Tracy Case	arrubias	3/17/2022 8:49:13	AM			
Reviewed By: Sal	3/17/22					
Chain of Custody						
1. Is Chain of Custody complete	ete?		Yes 🔽	l I	lo 🗆	Not Present
2. How was the sample delive	ered?		Courier			
Log In 3. Was an attempt made to co	ool the samples?		Voc II			
	sol the samples?		res 🔽	N		
4. Were all samples received	at a temperature c	f ≥0° C to 6.0°C	Yes 🔽	Ν	lo 🗌	
5. Sample(s) in proper contair	ner(s)?		Yes 🔽	N	lo 🗆	
Sufficient sample volume fo	r indicated test(s)	2	Yes 🔽	N	•	
7. Are samples (except VOA a	nd ONG) properly	preserved?	Yes 🔽	N	•	
8. Was preservative added to	bottles?		Yes 🗌	N	•	
9. Received at least 1 vial with	headspace <1/4"	for AQ VOA?	Yes 🗌	N		
0. Were any sample container	s received broken	?	Yes 🗌	N	• 🔽	# of preserved
1. Does paperwork match bottl (Note discrepancies on chai	le labels? n of custody)		Yes 🔽	N	• 🗆	bottles checked for pH: (<2 or 12 unless noted)
2. Are matrices correctly identi	fied on Chain of C	ustody?	Yes 🔽	N		Adjusted2
3. Is it clear what analyses wer	e requested?		Yes 🗹	N	• 🗆	1100 2/17
4. Were all holding times able (If no, notify customer for au	to be met? thorization.)		Yes 🔽	No		Checked by: KVG SIII
pecial Handling (if appl	icable)					
5. Was client notified of all dis	crepancies with th	is order?	Yes 🗌	N	•	NA 🔽
Person Notified:		Date	1			
By Whom:	51.5-	Via:	🗌 eMail	Phone [Fax	In Person
Regarding:						
6. Additional remarks:						
7. <u>Cooler Information</u> Cooler No Temp °C	Condition Sea	I Intact Seal No	Seal Date	Signed	i By	

Page 1 of 1

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April 04, 2022

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

RE: Yates AS Battery

OrderNo.: 2203990

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 13 sample(s) on 3/17/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-55	
Project:	Yates AS Battery		(Collection Date	e: 3/1	6/2022 10:00:00 AM	
Lab ID:	2203990-001	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		450	60	mg/Kg	20	3/23/2022 4:48:29 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	30	9.7	mg/Kg	1	3/23/2022 4:09:09 PM	66285
Motor Oi	I Range Organics (MRO)	55	48	mg/Kg	1	3/23/2022 4:09:09 PM	66285
Surr: [DNOP	139	51.1-141	%Rec	1	3/23/2022 4:09:09 PM	66285
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/21/2022 11:33:42 AM	66274
Surr: E	BFB	108	37.7-212	%Rec	1	3/21/2022 11:33:42 AM	66274
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.024	mg/Kg	1	3/21/2022 11:33:42 AM	66274
Toluene		ND	0.048	mg/Kg	1	3/21/2022 11:33:42 AM	66274
Ethylben	izene	ND	0.048	mg/Kg	1	3/21/2022 11:33:42 AM	66274
Xylenes,	Total	ND	0.097	mg/Kg	1	3/21/2022 11:33:42 AM	66274
Surr: 4	4-Bromofluorobenzene	95.5	70-130	%Rec	1	3/21/2022 11:33:42 AM	66274

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

Qualifiers:

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

Page 1 of 17

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	[-56	
Project:	Yates AS Battery		(Collection Date	e: 3/1	6/2022 10:05:00 AM	
Lab ID:	2203990-002	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst:	MRA
Chloride		4800	300	mg/Kg	100	3/24/2022 1:16:00 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	ND	10	mg/Kg	1	3/22/2022 4:34:58 PM	66285
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/22/2022 4:34:58 PM	66285
Surr: [DNOP	103	51.1-141	%Rec	1	3/22/2022 4:34:58 PM	66285
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/21/2022 12:44:30 PM	66274
Surr: E	3FB	109	37.7-212	%Rec	1	3/21/2022 12:44:30 PM	66274
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/21/2022 12:44:30 PM	66274
Toluene		ND	0.048	mg/Kg	1	3/21/2022 12:44:30 PM	66274
Ethylben	zene	ND	0.048	mg/Kg	1	3/21/2022 12:44:30 PM	66274
Xylenes,	Total	ND	0.096	mg/Kg	1	3/21/2022 12:44:30 PM	66274
Surr: 4	4-Bromofluorobenzene	95.2	70-130	%Rec	1	3/21/2022 12:44:30 PM	66274

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

Qualifiers:

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

Page 2 of 17
Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	[-57	
Project:	Yates AS Battery		(Collection Date	e: 3/1	6/2022 10:10:00 AM	
Lab ID:	2203990-003	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		5700	300	mg/Kg	100	3/24/2022 1:28:25 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.1	mg/Kg	1	3/22/2022 4:45:41 PM	66285
Motor Oi	I Range Organics (MRO)	ND	45	mg/Kg	1	3/22/2022 4:45:41 PM	66285
Surr: [DNOP	89.9	51.1-141	%Rec	1	3/22/2022 4:45:41 PM	66285
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	3/21/2022 1:54:53 PM	66274
Surr: E	3FB	109	37.7-212	%Rec	1	3/21/2022 1:54:53 PM	66274
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/21/2022 1:54:53 PM	66274
Toluene		ND	0.047	mg/Kg	1	3/21/2022 1:54:53 PM	66274
Ethylben	zene	ND	0.047	mg/Kg	1	3/21/2022 1:54:53 PM	66274
Xylenes,	Total	ND	0.095	mg/Kg	1	3/21/2022 1:54:53 PM	66274
Surr: 4	4-Bromofluorobenzene	96.8	70-130	%Rec	1	3/21/2022 1:54:53 PM	66274

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

Qualifiers:

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

Page 3 of 17

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-58	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	6/2022 12:15:00 PM	
Lab ID:	2203990-004	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		260	60	mg/Kg	20	3/23/2022 5:25:43 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	290	49	mg/Kg	5	3/23/2022 6:49:15 PM	66285
Motor Oi	I Range Organics (MRO)	480	250	mg/Kg	5	3/23/2022 6:49:15 PM	66285
Surr: I	DNOP	93.2	51.1-141	%Rec	5	3/23/2022 6:49:15 PM	66285
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	3/21/2022 2:18:16 PM	66274
Surr: I	BFB	109	37.7-212	%Rec	1	3/21/2022 2:18:16 PM	66274
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.023	mg/Kg	1	3/21/2022 2:18:16 PM	66274
Toluene		ND	0.046	mg/Kg	1	3/21/2022 2:18:16 PM	66274
Ethylben	izene	ND	0.046	mg/Kg	1	3/21/2022 2:18:16 PM	66274
Xylenes,	Total	ND	0.091	mg/Kg	1	3/21/2022 2:18:16 PM	66274
Surr: 4	4-Bromofluorobenzene	94.6	70-130	%Rec	1	3/21/2022 2:18:16 PM	66274

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

Qualifiers:

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

Page 4 of 17

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-59	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	6/2022 12:20:00 PM	
Lab ID:	2203990-005	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		740	60	mg/Kg	20	3/23/2022 5:38:08 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	59	9.0	mg/Kg	1	3/23/2022 5:34:45 PM	66285
Motor Oi	I Range Organics (MRO)	78	45	mg/Kg	1	3/23/2022 5:34:45 PM	66285
Surr: [DNOP	82.8	51.1-141	%Rec	1	3/23/2022 5:34:45 PM	66285
ЕРА МЕТ	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	3/21/2022 2:41:46 PM	66274
Surr: E	BFB	107	37.7-212	%Rec	1	3/21/2022 2:41:46 PM	66274
ЕРА МЕТ	THOD 8021B: VOLATILES					Analyst	NSB
Benzene)	ND	0.023	mg/Kg	1	3/21/2022 2:41:46 PM	66274
Toluene		ND	0.046	mg/Kg	1	3/21/2022 2:41:46 PM	66274
Ethylben	izene	ND	0.046	mg/Kg	1	3/21/2022 2:41:46 PM	66274
Xylenes,	Total	ND	0.092	mg/Kg	1	3/21/2022 2:41:46 PM	66274
Surr: 4	4-Bromofluorobenzene	96.6	70-130	%Rec	1	3/21/2022 2:41:46 PM	66274

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	I-60					
Project:	Yates AS Battery		(Collection Date	e: 3/1	6/2022 12:25:00 PM					
Lab ID:	2203990-006	Matrix: SOIL Received Date: 3/17/2022 7:25:00 AM									
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	LRN				
Chloride		410	60	mg/Kg	20	3/23/2022 5:50:33 PM	66356				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	3/22/2022 5:17:45 PM	66285				
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/22/2022 5:17:45 PM	66285				
Surr: [DNOP	89.1	51.1-141	%Rec	1	3/22/2022 5:17:45 PM	66285				
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB				
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/21/2022 3:05:14 PM	66274				
Surr: E	3FB	110	37.7-212	%Rec	1	3/21/2022 3:05:14 PM	66274				
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB				
Benzene		ND	0.025	mg/Kg	1	3/21/2022 3:05:14 PM	66274				
Toluene		ND	0.049	mg/Kg	1	3/21/2022 3:05:14 PM	66274				
Ethylben	zene	ND	0.049	mg/Kg	1	3/21/2022 3:05:14 PM	66274				
Xylenes,	Total	ND	0.098	mg/Kg	1	3/21/2022 3:05:14 PM	66274				
Surr: 4	4-Bromofluorobenzene	99.5	70-130	%Rec	1	3/21/2022 3:05:14 PM	66274				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BI	H-61	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	6/2022 2:00:00 PM	
Lab ID:	2203990-007	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		950	60	mg/Kg	20	3/23/2022 6:27:47 PM	66356
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/22/2022 5:28:25 PM	66285
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/22/2022 5:28:25 PM	66285
Surr: I	DNOP	89.2	51.1-141	%Rec	1	3/22/2022 5:28:25 PM	66285
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	3/21/2022 4:39:48 PM	66274
Surr: I	BFB	111	37.7-212	%Rec	1	3/21/2022 4:39:48 PM	66274
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.023	mg/Kg	1	3/21/2022 4:39:48 PM	66274
Toluene		ND	0.046	mg/Kg	1	3/21/2022 4:39:48 PM	66274
Ethylben	izene	ND	0.046	mg/Kg	1	3/21/2022 4:39:48 PM	66274
Xylenes,	, Total	ND	0.093	mg/Kg	1	3/21/2022 4:39:48 PM	66274
Surr: 4	4-Bromofluorobenzene	99.8	70-130	%Rec	1	3/21/2022 4:39:48 PM	66274

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-62	
Project:	Yates AS Battery		(Collection Date	e: 3/1	6/2022 2:05:00 PM	
Lab ID:	2203990-008	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1000	59	mg/Kg	20	3/23/2022 6:40:13 PM	66356
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/22/2022 5:39:03 PM	66285
Motor Oi	il Range Organics (MRO)	ND	50	mg/Kg	1	3/22/2022 5:39:03 PM	66285
Surr: I	DNOP	80.8	51.1-141	%Rec	1	3/22/2022 5:39:03 PM	66285
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/21/2022 5:03:29 PM	66274
Surr: I	BFB	109	37.7-212	%Rec	1	3/21/2022 5:03:29 PM	66274
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/21/2022 5:03:29 PM	66274
Toluene		ND	0.047	mg/Kg	1	3/21/2022 5:03:29 PM	66274
Ethylben	izene	ND	0.047	mg/Kg	1	3/21/2022 5:03:29 PM	66274
Xylenes,	Total	ND	0.095	mg/Kg	1	3/21/2022 5:03:29 PM	66274
Surr: 4	4-Bromofluorobenzene	97.3	70-130	%Rec	1	3/21/2022 5:03:29 PM	66274

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-63	
Project:	Yates AS Battery		(Collection Date	e: 3/1	6/2022 2:10:00 PM	
Lab ID:	2203990-009	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		750	60	mg/Kg	20	3/23/2022 6:52:37 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	62	9.4	mg/Kg	1	3/23/2022 4:52:04 PM	66285
Motor Oi	I Range Organics (MRO)	86	47	mg/Kg	1	3/23/2022 4:52:04 PM	66285
Surr: I	DNOP	94.6	51.1-141	%Rec	1	3/23/2022 4:52:04 PM	66285
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	3/21/2022 5:27:01 PM	66274
Surr: I	BFB	107	37.7-212	%Rec	1	3/21/2022 5:27:01 PM	66274
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene)	ND	0.023	mg/Kg	1	3/21/2022 5:27:01 PM	66274
Toluene		ND	0.046	mg/Kg	1	3/21/2022 5:27:01 PM	66274
Ethylben	izene	ND	0.046	mg/Kg	1	3/21/2022 5:27:01 PM	66274
Xylenes,	Total	ND	0.093	mg/Kg	1	3/21/2022 5:27:01 PM	66274
Surr: 4	4-Bromofluorobenzene	93.6	70-130	%Rec	1	3/21/2022 5:27:01 PM	66274

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-64	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	6/2022 3:00:00 PM	
Lab ID:	2203990-010	Matrix: SOIL		Received Date	7/2022 7:25:00 AM		
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analys	t: LRN
Chloride		580	60	mg/Kg	20	3/23/2022 7:05:02 PM	66356
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/22/2022 6:00:17 PM	66285
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/22/2022 6:00:17 PM	66285
Surr: I	DNOP	106	51.1-141	%Rec	1	3/22/2022 6:00:17 PM	66285
EPA MET	THOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/21/2022 5:50:32 PM	66274
Surr: I	BFB	109	37.7-212	%Rec	1	3/21/2022 5:50:32 PM	66274
EPA MET	THOD 8021B: VOLATILES					Analys	t: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/21/2022 5:50:32 PM	66274
Toluene		ND	0.047	mg/Kg	1	3/21/2022 5:50:32 PM	66274
Ethylben	izene	ND	0.047	mg/Kg	1	3/21/2022 5:50:32 PM	66274
Xylenes,	, Total	ND	0.094	mg/Kg	1	3/21/2022 5:50:32 PM	66274
Surr: 4	4-Bromofluorobenzene	97.0	70-130	%Rec	1	3/21/2022 5:50:32 PM	66274

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-65	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	6/2022 3:05:00 PM	
Lab ID:	2203990-011	Matrix: SOIL		Received Date	e: 3/1	7/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		470	60	mg/Kg	20	3/23/2022 7:17:26 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.3	mg/Kg	1	3/22/2022 6:21:24 PM	66285
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	3/22/2022 6:21:24 PM	66285
Surr: [DNOP	78.8	51.1-141	%Rec	1	3/22/2022 6:21:24 PM	66285
ЕРА МЕТ	HOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/21/2022 6:13:57 PM	66274
Surr: E	BFB	110	37.7-212	%Rec	1	3/21/2022 6:13:57 PM	66274
ЕРА МЕТ	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.024	mg/Kg	1	3/21/2022 6:13:57 PM	66274
Toluene		ND	0.048	mg/Kg	1	3/21/2022 6:13:57 PM	66274
Ethylben	izene	ND	0.048	mg/Kg	1	3/21/2022 6:13:57 PM	66274
Xylenes,	Total	ND	0.096	mg/Kg	1	3/21/2022 6:13:57 PM	66274
Surr: 4	4-Bromofluorobenzene	97.6	70-130	%Rec	1	3/21/2022 6:13:57 PM	66274

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-66	
Project:	Yates AS Battery		(Collection Date	e: 3/1	16/2022 3:10:00 PM	
Lab ID:	2203990-012	Matrix: SOIL		Received Date	e: 3/1	17/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		280	60	mg/Kg	20	3/23/2022 7:29:51 PM	66356
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	3/22/2022 6:32:00 PM	66285
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/22/2022 6:32:00 PM	66285
Surr: I	DNOP	85.4	51.1-141	%Rec	1	3/22/2022 6:32:00 PM	66285
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	3/21/2022 6:37:34 PM	66274
Surr: I	BFB	111	37.7-212	%Rec	1	3/21/2022 6:37:34 PM	66274
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.023	mg/Kg	1	3/21/2022 6:37:34 PM	66274
Toluene		ND	0.046	mg/Kg	1	3/21/2022 6:37:34 PM	66274
Ethylben	izene	ND	0.046	mg/Kg	1	3/21/2022 6:37:34 PM	66274
Xylenes,	Total	ND	0.091	mg/Kg	1	3/21/2022 6:37:34 PM	66274
Surr: 4	4-Bromofluorobenzene	100	70-130	%Rec	1	3/21/2022 6:37:34 PM	66274

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203990

Date Reported: 4/4/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	V-10	
Project:	Yates AS Battery		(Collection Dat	e: 3/1	16/2022 5:00:00 PM	
Lab ID:	2203990-013	Matrix: SOIL		Received Date	e: 3/1	17/2022 7:25:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		120	61	mg/Kg	20	3/23/2022 7:42:16 PM	66356
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	72	9.6	mg/Kg	1	3/23/2022 5:13:25 PM	66285
Motor Oi	I Range Organics (MRO)	160	48	mg/Kg	1	3/23/2022 5:13:25 PM	66285
Surr: I	DNOP	85.8	51.1-141	%Rec	1	3/23/2022 5:13:25 PM	66285
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/21/2022 7:01:13 PM	66274
Surr: I	BFB	114	37.7-212	%Rec	1	3/21/2022 7:01:13 PM	66274
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/21/2022 7:01:13 PM	66274
Toluene		ND	0.049	mg/Kg	1	3/21/2022 7:01:13 PM	66274
Ethylben	izene	0.075	0.049	mg/Kg	1	3/21/2022 7:01:13 PM	66274
Xylenes,	Total	0.36	0.098	mg/Kg	1	3/21/2022 7:01:13 PM	66274
Surr: 4	4-Bromofluorobenzene	97.3	70-130	%Rec	1	3/21/2022 7:01:13 PM	66274

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

Qualifiers:

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

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Client: Project:	GHD M Yates A	Iidland AS Battery									
Sample ID:	MB-66356	SampT	ype: mł	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	ID: 66	356	R	unNo: 86	6715				
Prep Date:	3/23/2022	Analysis Da	ate: 3/	23/2022	S	eqNo: 30	061572	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-66356	SampT	ype: Ics	6	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 66	356	R	unNo: 86	6715				
Prep Date:	3/23/2022	Analysis Da	ate: 3/	23/2022	S	eqNo: 30	061573	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	90.9	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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2203990

04-Apr-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

	WO#:	2203990	
ıtal Analysis Laboratory, Inc.		04-Apr-22	

Client: Project:	GHD Midland Yates AS Batte	ry									
Sample ID: LCS-6	6285 Sa	ImpType	: LC	S	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	I	Batch ID:	662	285	F	RunNo: 8	6644				
Prep Date: 3/21/	2022 Analy	sis Date:	3/2	22/2022	S	SeqNo: 30	058999	Units: mg/h	٢g		
Analyte	Res	ult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO)	45	10	50.00	0	89.6	68.9	135			
Surr: DNOP	Э	.7		5.000		74.7	51.1	141			
Sample ID: MB-66	285 Sa	mpType	: MB	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	I	Batch ID:	662	285	F	RunNo: 8	6644				
Prep Date: 3/21/2	2022 Analy	sis Date:	3/2	22/2022	S	SeqNo: 3	059002	Units: mg/k	٢g		
Analyte	Res	ult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO) N	ID	10								
Motor Oil Range Organi	cs (MRO)	ID	50								
Surr: DNOP	8	.8		10.00		88.2	51.1	141			
Sample ID: 22039	9 0-001AMS Sa	mpType	: MS	;	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: BH-55	I	Batch ID:	662	285	F	RunNo: 8	6676				
Prep Date: 3/21/2	2022 Analy	sis Date:	3/2	23/2022	S	SeqNo: 3	061297	Units: mg/k	٢g		
Analyte	Res	ult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO)	33	9.8	49.02	30.40	107	36.1	154			
Surr: DNOP	5	.4		4.902		109	51.1	141			
Sample ID: 22039	90-001AMSD Sa	mpType	: MS	D	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: BH-55	I	Batch ID:	662	285	F	RunNo: 8	6676				
Prep Date: 3/21/	2022 Analy	sis Date:	3/2	23/2022	S	SeqNo: 30	061298	Units: mg/k	٨g		
Analyte	Res	ult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO)	33	9.5	47.35	30.40	112	36.1	154	1.02	33.9	
Surr: DNOP	5	.1		4.735		108	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

04-Apr-22	2203990	WO#:
	04-Apr-22	

Client:	GHD Mid	dland									
Project:	Yates AS	Battery									
Sample ID:	mb-66274	SampT	ype: MI	BLK	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID:	PBS	Batch	n ID: 66	274	F	RunNo: 8	6621				
Prep Date:	3/18/2022	Analysis D	ate: 3/	21/2022	S	SeqNo: 3	057878	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	ND	5.0								
Surr: BFB		1100		1000		111	37.7	212			
Sample ID:	lcs-66274	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	LCSS	Batch	n ID: 66	274	F	RunNo: 8	6621				
Prep Date:	3/18/2022	Analysis D	ate: 3/	21/2022	S	SeqNo: 3	057879	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	28	5.0	25.00	0	111	72.3	137			
Surr: BFB		2400		1000		238	37.7	212			S
Sample ID:	2203990-001ams	SampT	ype: MS	3	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID:	BH-55	Batch	n ID: 66	274	F	RunNo: 8	6621				
Prep Date:	3/18/2022	Analysis D	Date: 3/	21/2022	5	SeqNo: 3	057881	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	26	4.8	24.15	0	107	70	130			
Surr: BFB		2300		966.2		235	37.7	212			S
Sample ID:	2203990-001amsd	SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	BH-55	Batch	n ID: 66	274	F	RunNo: 8	6621				
Prep Date:	3/18/2022	Analysis D)ate: 3/	21/2022	S	SeqNo: 3	057882	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	26	4.8	24.18	0	107	70	130	0.432	20	
Surr: BFB		2200		967.1		231	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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GHD Midland

Yates AS Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Sample ID: mb-66274	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: 662	274	F	unNo: 8	6621				
Prep Date: 3/18/2022	Analysis D)ate: 3/ 2	21/2022	S	eqNo: 3	057920	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		99.8	70	130			
Sample ID: LCS-66274	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	n ID: 662	274	F	tunNo: 8	6621				
Prep Date: 3/18/2022	Analysis D)ate: 3/	21/2022	S	eqNo: 3	057921	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	90.7	80	120			
Toluene	0.96	0.050	1.000	0	96.4	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	70	130			
Sample ID: 2203990-002ams	SampT	ype: MS	5	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: BH-56	Batch	n ID: 662	274	F	unNo: 8	6621				
Client ID: BH-56 Prep Date: 3/18/2022	Batch Analysis D	n ID: 662 Date: 3/2	274 21/2022	F S	tunNo: 8 6eqNo: 3	6621 057924	Units: mg/K	g		
Client ID: BH-56 Prep Date: 3/18/2022 Analyte	Batch Analysis D Result	n ID: 662 Date: 3/2 PQL	274 21/2022 SPK value	F S SPK Ref Val	2unNo: 8(6eqNo: 3(%REC	6621 057924 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene	Batch Analysis D Result 0.78	n ID: 662 Date: 3/2 PQL 0.024	274 21/2022 SPK value 0.9606	F S SPK Ref Val 0	8unNo: 86 SeqNo: 36 <u>%REC</u> 81.3	6621 057924 LowLimit 68.8	Units: mg/K HighLimit 120	g %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene	Batch Analysis D Result 0.78 0.86	n ID: 662 Date: 3/2 PQL 0.024 0.048	274 21/2022 SPK value 0.9606 0.9606	F S SPK Ref Val 0 0.01293	8unNo: 8 6eqNo: 3 <u>%REC</u> 81.3 88.1	6621 057924 LowLimit 68.8 73.6	Units: mg/K HighLimit 120 124	g %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene	Batch Analysis D Result 0.78 0.86 0.87	n ID: 662 Date: 3/2 PQL 0.024 0.048 0.048	274 21/2022 SPK value 0.9606 0.9606 0.9606	F SPK Ref Val 0 0.01293 0	RunNo: 8 6 SeqNo: 3 6 <u>%REC</u> 81.3 88.1 90.4	6621 057924 LowLimit 68.8 73.6 72.7	Units: mg/K HighLimit 120 124 129	g %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batch Analysis D Result 0.78 0.86 0.87 2.6	Date: 3/2 PQL 0.024 0.048 0.048 0.096	274 21/2022 SPK value 0.9606 0.9606 0.9606 2.882	F SPK Ref Val 0 0.01293 0 0 0	RunNo: 86 GeqNo: 36 <u>%REC</u> 81.3 88.1 90.4 90.8	6621 057924 LowLimit 68.8 73.6 72.7 75.7	Units: mg/K HighLimit 120 124 129 126	g %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98	Date: 3/2 PQL 0.024 0.048 0.048 0.048 0.096	274 21/2022 SPK value 0.9606 0.9606 0.9606 2.882 0.9606	F S SPK Ref Val 0 0.01293 0 0 0	RunNo: 8 SeqNo: 3 <u>%REC</u> 81.3 88.1 90.4 90.8 102	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70	Units: mg/K HighLimit 120 124 129 126 130	g %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98 SampT	n ID: 662 Date: 3/2 PQL 0.024 0.048 0.096	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 2.882	F S SPK Ref Val 0 0.01293 0 0 0 Tes	tunNo: 86 SeqNo: 36 <u>%REC</u> 81.3 88.1 90.4 90.8 102	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat	9 %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98 SampT Batch	PQL 0.024 0.024 0.048 0.048 0.096	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 2.882 0.9606	F S SPK Ref Val 0 0.01293 0 0 0 Tes F	RunNo: 86 SeqNo: 36 %REC 81.3 88.1 90.4 90.8 102 tCode: EF RunNo: 86	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6621	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat	g %RPD iles	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56 Prep Date: 3/18/2022	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98 SampT Batch Analysis D	PQL 0.024 0.024 0.048 0.048 0.096	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 35D 274 21/2022	F SPK Ref Val 0 0.01293 0 0 Tes F S	2unNo: 86 SeqNo: 36 %REC 81.3 88.1 90.4 90.8 102 tCode: EF 2unNo: 86 SeqNo: 36	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6621 057925	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K	g %RPD iles g	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56 Prep Date: 3/18/2022 Analyte	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98 SampT Batch Analysis D Result	D ID: 662 Date: 3/2 PQL 0.024 0.048 0.048 0.096 Type: MS Dype: MS Date: 3/2 PQL	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 2.882 0.9606 274 274 21/2022 SPK value	F SPK Ref Val 0 0.01293 0 0 0 Tes F SPK Ref Val	2unNo: 86 SeqNo: 30 81.3 88.1 90.4 90.8 102 tCode: Ef 2unNo: 86 SeqNo: 36 %REC	6621 057924 68.8 73.6 72.7 75.7 70 PA Method 6621 057925 LowLimit	Units: mg/K <u>HighLimit</u> 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit	g %RPD iles g %RPD	RPDLimit	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98 SampT Batch Analysis D Result 0.83	n ID: 662 Date: 3/ PQL 0.024 0.048 0.048 0.048 0.096 Type: MS n ID: 662 Date: 3/ PQL 0.024	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 2.882 0.9606 5D 274 21/2022 SPK value 0.9569	F SPK Ref Val 0 0.01293 0 0 Tes F SPK Ref Val 0	tunNo: 86 SeqNo: 36 %REC 81.3 88.1 90.4 90.8 102 tCode: Ef SunNo: 86 SeqNo: 36 %REC 87.1	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6621 057925 LowLimit 68.8	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120	9 %RPD iles 9 %RPD 6.48	RPDLimit RPDLimit 20	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98 SampT Batch Analysis D Result 0.83 0.89	PQL 0.024 0.048 0.048 0.096 7ype: MS 0.096 DID: 662 Date: 3/ PQL 0.024 0.048	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 2.882 0.9606 274 21/2022 SPK value 0.9569 0.9569	F SPK Ref Val 0 0.01293 0 0 Tes F SPK Ref Val 0 0.01293	tunNo: 86 SeqNo: 36 %REC 81.3 88.1 90.4 90.4 90.8 102 tCode: Ef SeqNo: 36 SeqNo: 36 %REC 87.1 91.6	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6621 057925 LowLimit 68.8 73.6	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124	9 %RPD iles 9 %RPD 6.48 3.53	RPDLimit RPDLimit 20 20	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene	Batch Analysis D Result 0.78 0.86 0.87 2.6 0.98 SampT Batch Analysis D Result 0.83 0.89 0.91	PQL 0.024 0.048 0.048 0.096 0.096 0.096 0.096 0.096 0.096 0.024 0.024 0.024 0.048 0.048	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 274 21/2022 SPK value 0.9569 0.9569 0.9569	F SPK Ref Val 0 0.01293 0 0 Tes F SPK Ref Val 0 0.01293 0	2unNo: 86 SeqNo: 36 81.3 88.1 90.4 90.8 102 tCode: EF 2unNo: 86 SeqNo: 36 %REC 87.1 91.6 95.6	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6621 057925 LowLimit 68.8 73.6 72.7	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124 129	9 %RPD iles 9 %RPD 6.48 3.53 5.17	RPDLimit RPDLimit 20 20 20 20	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batch Analysis D 0.78 0.86 0.87 2.6 0.98 SampT Batch Analysis D Result 0.83 0.89 0.91 2.7	n ID: 662 Date: 3/ PQL 0.024 0.048 0.048 0.096 Type: MS 0.024 0.024 0.024 0.024 0.024 0.048 0.048 0.096	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 2.882 0.9606 5D 274 21/2022 SPK value 0.9569 0.9569 0.9569 2.871	F SPK Ref Val 0 0.01293 0 0 0 Tes F SPK Ref Val 0 0.01293 0 0 0.01293 0 0	2unNo: 86 SeqNo: 36 81.3 88.1 90.4 90.8 102 tCode: EF 2unNo: 86 SeqNo: 36 %REC 87.1 91.6 95.6 94.9	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6621 057925 LowLimit 68.8 73.6 72.7 75.7	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124 129 126	g %RPD iles g %RPD 6.48 3.53 5.17 4.06	RPDLimit RPDLimit 20 20 20 20 20 20	Qual
Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2203990-002amsd Client ID: BH-56 Prep Date: 3/18/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	Batch Analysis D 0.78 0.86 0.87 2.6 0.98 SampT Batch Analysis D Result 0.83 0.89 0.91 2.7 0.96	Di ID: 662 Date: 3/2 0.024 0.048 0.048 0.096 Type: MS Di ID: 662 Date: 3/2 0.024 0.024 0.024 0.048 0.048 0.048	274 21/2022 SPK value 0.9606 0.9606 2.882 0.9606 2.882 0.9606 2.874 21/2022 SPK value 0.9569 0.9569 0.9569 2.871 0.9569	F SPK Ref Val 0 0.01293 0 0 0 Tes SPK Ref Val 0 0.01293 0 0 0.01293 0 0	2unNo: 86 SeqNo: 36 %REC 81.3 88.1 90.4 90.8 102 tCode: EF 2unNo: 86 SeqNo: 36 %REC 87.1 91.6 95.6 94.9 101	6621 057924 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 6621 057925 LowLimit 68.8 73.6 72.7 73.7 73.7 75.7 70	Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124 129 126 130	g %RPD iles g %RPD 6.48 3.53 5.17 4.06 0	RPDLimit RPDLimit 20 20 20 20 20 0	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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2203990

04-Apr-22

WO#:

	ENVIE ANAL LABO	RONMENT YSIS RATORY	AL	TEL: 5 Websi	Alb 05-345-3975 te: clients.he	49 49 uquer 5 FAX allenv	ysis Lab 201 Hawi cque, NM 2: 505-34 ironmen	kins NE 187109 15-4107 tal.com	Sa	mple Log-In Chec	k List
Client	Name:	GHD Midla	nd	Work Ord	der Number	220	03990			RcptNo: 1	
Receiv	ed By:	Cheyenne	Cason	3/17/2022	7:25:00 AM			Cher	1		
Comple	eted By:	Sean Livi	ngston	3/18/2022	3:22:27 AM			<		1	
Review	ved By:	723/1	8122))r-C	-1991	
Chain	of Cus	<u>tody</u>									
1. Is Cl	hain of C	ustody comp	lete?			Yes		N	•	Not Present	
2. How	was the	sample deliv	ered?			<u>Co</u>	urier				
Log I	<u>n</u>										
3. Was	an atten	pt made to o	ool the samp	les?		Yes		N	•	NA 🗌	
4. Were	e all samp	oles received	at a tempera	ture of >0° C to 6	0°C	Yes		N	• 🗆		
5. Sam	ple(s) in	oroper conta	ner(s)?			Yes		N	•		
6. Suffic	cient sam	ple volume f	or indicated te	est(s)?		Yes		No			
7. Are s	amples (except VOA	and ONG) pro	perly preserved?		Yes		No			
8. Was	preserva	tive added to	bottles?			Yes		No		NA 🗌	
9. Recei	ived at le	ast 1 vial with	headspace -	<1/4" for AQ VOA	?	Yes		No		NA 🔽	
10. Were	e any san	ple containe	rs received b	roken?		Yes		No		# of preserved	/
11. Does (Note	paperwo	rk match bot ncies on cha	tle labels? in of custody)			Yes		No		for pH:	less noted)
2. Are m	natrices c	orrectly ident	ified on Chair	n of Custody?		Yes		No		Adjusted?	iess noted)
3. Is it c	lear what	analyses we	re requested?	2		Yes		No			
14. Were (If no,	all holdir notify cu	ig times able istomer for a	to be met? uthorization.)			Yes		No		Checked by: Cure	3/18/20
Special	Handli	ng (if app	licable)								
15.Was	client no	tified of all di	screpancies w	ith this order?		Yes		No		NA 🔽	
	Person	Notified:	-		Date:				-		
	By Who	m:			Via:	eM	ail 🗌	Phone [Fax	In Person	
	Regardi	ng:									
	Client In	structions:									
16. Addi	tional rer	narks:									
17. <u>Cool</u> Co 1	ler Inforr ooler No	nation Temp ⁰C 1.8	Condition Good	Seal Intact Se	al No Se	eal D	ate	Signed	Ву		

Page 1 of 1

Client GHD Chance Project Name:		ain-ot-C	ustody Record	Turn-Around T	ime:	1						
Mailing Address: Project R: No.12 Productions Productions Productions Productions Mailing Address: Project R: Project R: Pro	Client: GH	ф			Y		I	ALL	ENV.	Cal		
Working Net School Notice				Project Name:	ARUSH DANY			NALY	SIS		SORATO	AL
32 W. Main St. Sulfer 105, Artiseis NN 68210 70 Trans NL 22 W. Main St. Sulfer 105, Artiseis NN 68210 70 Trans NL 70	Mailing Ado	fress;		Vite Ai			3	ww.halle	nvironm	ental.co	E	
Phone #. (60)377-4216 112-35/101 Prone #. (60)377-4216 112-35/101 email of Feak BeckvHaskell@ord Project Manager email of Feak BeckvHaskell@ord Project Manager email of Feak BeckvHaskell@ord Project Manager Cold of the full validation Project Manager Standar Accreditation: D A Compliance Standar Multististististististististististististist	324 W. Mai	in St. Suite 1	08, Artesia NM 88210	Project #:	Dettory	490	Hawkin	S NE - /	Albuquer	due, NI	M 87109	
Email of Text. Besch Haskelligend. Gom Project Manager. Anal/Stast Retrained G. MCC Packager. Description Description Description Description G. MCC Packager. Description Description Description Description Accenditation: D. 2.2 Description Description Description Accenditation: D. 2.2 Description Description Description Accenditation: D. 2.2 D. 2.2 D. 2.2 D. 2.2 D. 2.2 D. 1010	Phone #:	(505)37	7-4218	11228401		Tel.	505-345	3975	Fax 5)5-345-	4107	
OACC Pedege: Elevel 4 Full Validation Elevel 4 Full Va	email or Fa;	x#: Becky.h	laskell@ghd.com	Project Manage			Ì	An	Ilysis R	equest		
□ Standard □ Level 4 Full Validation Total and the standard □ Current and the	QA/QC Pack.	age:		Berky Hashall	-			0.	*	(tu		
Accreditation: Date Sampler: Zech Comino 0.01eg:	Standard		Level 4 (Full Validation)	Tom Larson		IW7 208)	SUI			ləsq		
DED (Type) EDD (Type) EDD (Type) Date Time Matrix Sample Name Environmentors: 1, 2, 2, 2, 2, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Accreditatio	n: DAZC	ompliance r	Sampler: Za	ich Comino	S'8MT	(1.		17 -	Altnaz	JQ{	
Date Time Matrix Cooler Time Matrix Cample Name Matrix Cooler Time Matrix	D EDD (Ty)	oe)		# of Coolers	res 🗌 No	08 7	204	s		(Pre	rey	
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April 05, 2022

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

RE: Yates AS Fee Battery

OrderNo.: 2203B39

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 32 sample(s) on 3/22/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	I-67	
Project:	Yates AS Fee Battery			Collection Dat	e: 3/1	17/2022 9:40:00 AM	
Lab ID:	2203B39-001	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst:	LRN
Chloride		170	60	mg/Kg	20	3/28/2022 10:18:50 PM	66436
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	3/24/2022 12:07:07 PM	66339
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/24/2022 12:07:07 PM	66339
Surr: [DNOP	83.2	51.1-141	%Rec	1	3/24/2022 12:07:07 PM	66339
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/23/2022 7:37:00 PM	66332
Surr: E	BFB	106	37.7-212	%Rec	1	3/23/2022 7:37:00 PM	66332
EPA MET	THOD 8021B: VOLATILES					Analyst:	BRM
Benzene		ND	0.024	mg/Kg	1	3/23/2022 7:37:00 PM	66332
Toluene		ND	0.048	mg/Kg	1	3/23/2022 7:37:00 PM	66332
Ethylben	izene	ND	0.048	mg/Kg	1	3/23/2022 7:37:00 PM	66332
Xylenes,	Total	ND	0.097	mg/Kg	1	3/23/2022 7:37:00 PM	66332
Surr: 4	4-Bromofluorobenzene	87.0	70-130	%Rec	1	3/23/2022 7:37:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	4-68	
Project:	Yates AS Fee Battery		(Collection Date	e: 3/1	17/2022 9:45:00 AM	
Lab ID:	2203B39-002	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		250	59	mg/Kg	20	3/28/2022 10:56:04 PM	66436
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	3/24/2022 12:17:38 PM	66339
Motor Oi	l Range Organics (MRO)	ND	49	mg/Kg	1	3/24/2022 12:17:38 PM	66339
Surr: [DNOP	77.9	51.1-141	%Rec	1	3/24/2022 12:17:38 PM	66339
EPA MET	HOD 8015D: GASOLINE RAN	GE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	3/23/2022 8:36:00 PM	66332
Surr: E	3FB	106	37.7-212	%Rec	1	3/23/2022 8:36:00 PM	66332
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	3/23/2022 8:36:00 PM	66332
Toluene		ND	0.050	mg/Kg	1	3/23/2022 8:36:00 PM	66332
Ethylben	zene	ND	0.050	mg/Kg	1	3/23/2022 8:36:00 PM	66332
Xylenes,	Total	ND	0.099	mg/Kg	1	3/23/2022 8:36:00 PM	66332
Surr: 4	1-Bromofluorobenzene	87.0	70-130	%Rec	1	3/23/2022 8:36:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	I-69	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	7/2022 9:50:00 AM	
Lab ID:	2203B39-003	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		120	60	mg/Kg	20	3/28/2022 11:08:28 PM	66436
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	3/24/2022 12:28:11 PM	66339
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/24/2022 12:28:11 PM	66339
Surr: I	DNOP	80.7	51.1-141	%Rec	1	3/24/2022 12:28:11 PM	66339
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/23/2022 8:56:00 PM	66332
Surr: I	BFB	106	37.7-212	%Rec	1	3/23/2022 8:56:00 PM	66332
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene)	ND	0.024	mg/Kg	1	3/23/2022 8:56:00 PM	66332
Toluene		ND	0.049	mg/Kg	1	3/23/2022 8:56:00 PM	66332
Ethylben	izene	ND	0.049	mg/Kg	1	3/23/2022 8:56:00 PM	66332
Xylenes,	Total	ND	0.097	mg/Kg	1	3/23/2022 8:56:00 PM	66332
Surr: 4	4-Bromofluorobenzene	88.6	70-130	%Rec	1	3/23/2022 8:56:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	H-70					
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 9:55:00 AM									
Lab ID:	2203B39-004	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	LRN				
Chloride		1400	60	mg/Kg	20	3/28/2022 11:20:52 PM	66436				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel Ra	ange Organics (DRO)	ND	10	mg/Kg	1	3/24/2022 12:38:46 PM	66339				
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/24/2022 12:38:46 PM	66339				
Surr: [ONOP	78.9	51.1-141	%Rec	1	3/24/2022 12:38:46 PM	66339				
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/23/2022 9:15:00 PM	66332				
Surr: E	3FB	111	37.7-212	%Rec	1	3/23/2022 9:15:00 PM	66332				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.024	mg/Kg	1	3/23/2022 9:15:00 PM	66332				
Toluene		ND	0.049	mg/Kg	1	3/23/2022 9:15:00 PM	66332				
Ethylben	zene	ND	0.049	mg/Kg	1	3/23/2022 9:15:00 PM	66332				
Xylenes,	Total	ND	0.098	mg/Kg	1	3/23/2022 9:15:00 PM	66332				
Surr: 4	1-Bromofluorobenzene	88.9	70-130	%Rec	1	3/23/2022 9:15:00 PM	66332				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT: GHD Midland		Cli	ent Sample II): Bł	H-71	
Project: Yates AS Fee Battery		C	collection Dat	e: 3/1	17/2022 10:00:00 AM	
Lab ID: 2203B39-005	Matrix: SOIL]	Received Dat	e: 3/2	22/2022 7:15:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	1800	60	mg/Kg	20	3/28/2022 11:33:17 PM	1 66436
EPA METHOD 8015M/D: DIESEL I	RANGE ORGANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	3/24/2022 12:49:21 PM	1 66339
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	3/24/2022 12:49:21 PM	1 66339
Surr: DNOP	94.8	51.1-141	%Rec	1	3/24/2022 12:49:21 PM	1 66339
EPA METHOD 8015D: GASOLINE	RANGE				Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/23/2022 9:35:00 PM	66332
Surr: BFB	102	37.7-212	%Rec	1	3/23/2022 9:35:00 PM	66332
EPA METHOD 8021B: VOLATILES	6				Analys	t: BRM
Benzene	ND	0.025	mg/Kg	1	3/23/2022 9:35:00 PM	66332
Toluene	ND	0.050	mg/Kg	1	3/23/2022 9:35:00 PM	66332
Ethylbenzene	ND	0.050	mg/Kg	1	3/23/2022 9:35:00 PM	66332
Xylenes, Total	ND	0.099	mg/Kg	1	3/23/2022 9:35:00 PM	66332
Surr: 4-Bromofluorobenzene	84.9	70-130	%Rec	1	3/23/2022 9:35:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	H-72	
Project:	Yates AS Fee Battery		(Collect	tion Dat	e: 3/1	7/2022 10:05:00 AM	
Lab ID:	2203B39-006	Matrix: SOIL		Recei	ved Dat	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	LRN
Chloride		1900	60		mg/Kg	20	3/28/2022 11:45:42 PM	66436
EPA MET	THOD 8015M/D: DIESEL RAM	IGE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	5800	200		mg/Kg	20	3/24/2022 5:58:55 PM	66339
Motor Oi	I Range Organics (MRO)	3300	980		mg/Kg	20	3/24/2022 5:58:55 PM	66339
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/24/2022 5:58:55 PM	66339
EPA MET	THOD 8015D: GASOLINE RA	NGE					Analyst	BRM
Gasoline	Range Organics (GRO)	85	25		mg/Kg	5	3/24/2022 2:45:00 PM	66332
Surr: I	BFB	163	37.7-212		%Rec	5	3/24/2022 2:45:00 PM	66332
EPA MET	THOD 8021B: VOLATILES						Analyst	BRM
Benzene)	ND	0.12		mg/Kg	5	3/24/2022 2:45:00 PM	66332
Toluene		ND	0.25		mg/Kg	5	3/24/2022 2:45:00 PM	66332
Ethylben	izene	0.32	0.25		mg/Kg	5	3/24/2022 2:45:00 PM	66332
Xylenes,	Total	2.1	0.50		mg/Kg	5	3/24/2022 2:45:00 PM	66332
Surr: 4	4-Bromofluorobenzene	108	70-130		%Rec	5	3/24/2022 2:45:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BF	I-73				
Project:	Yates AS Fee Battery		Collection Date: 3/17/2022 10:35:00 AM								
Lab ID:	2203B39-007	Matrix: SOIL		Recei	ved Dat	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS						Analyst	LRN			
Chloride		1300	60		mg/Kg	20	3/29/2022 12:22:57 AM	66436			
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	SB			
Diesel Ra	ange Organics (DRO)	2600	190		mg/Kg	20	3/24/2022 5:37:23 PM	66339			
Motor Oi	l Range Organics (MRO)	1400	950		mg/Kg	20	3/24/2022 5:37:23 PM	66339			
Surr: [DNOP	0	51.1-141	S	%Rec	20	3/24/2022 5:37:23 PM	66339			
EPA MET	HOD 8015D: GASOLINE RANG	GE					Analyst	BRM			
Gasoline	Range Organics (GRO)	180	25		mg/Kg	5	3/24/2022 3:05:00 PM	66332			
Surr: E	3FB	249	37.7-212	S	%Rec	5	3/24/2022 3:05:00 PM	66332			
EPA MET	HOD 8021B: VOLATILES						Analyst	BRM			
Benzene		ND	0.12		mg/Kg	5	3/24/2022 3:05:00 PM	66332			
Toluene		ND	0.25		mg/Kg	5	3/24/2022 3:05:00 PM	66332			
Ethylben	zene	3.0	0.25		mg/Kg	5	3/24/2022 3:05:00 PM	66332			
Xylenes,	Total	7.2	0.50		mg/Kg	5	3/24/2022 3:05:00 PM	66332			
Surr: 4	1-Bromofluorobenzene	145	70-130	S	%Rec	5	3/24/2022 3:05:00 PM	66332			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT: GHD Midland		Cli	ient Sample II): BH	I-74	
Project: Yates AS Fee Battery		(Collection Date	e: 3/1	17/2022 10:40:00 AM	
Lab ID: 2203B39-008	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	LRN
Chloride	290	60	mg/Kg	20	3/29/2022 12:35:22 AM	66436
EPA METHOD 8015M/D: DIESEL RANGE	EORGANICS				Analyst	SB
Diesel Range Organics (DRO)	79	9.6	mg/Kg	1	3/25/2022 4:12:05 PM	66339
Motor Oil Range Organics (MRO)	160	48	mg/Kg	1	3/25/2022 4:12:05 PM	66339
Surr: DNOP	104	51.1-141	%Rec	1	3/25/2022 4:12:05 PM	66339
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/23/2022 11:33:00 PM	66332
Surr: BFB	105	37.7-212	%Rec	1	3/23/2022 11:33:00 PM	66332
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.025	mg/Kg	1	3/23/2022 11:33:00 PM	66332
Toluene	ND	0.050	mg/Kg	1	3/23/2022 11:33:00 PM	66332
Ethylbenzene	ND	0.050	mg/Kg	1	3/23/2022 11:33:00 PM	66332
Xylenes, Total	ND	0.099	mg/Kg	1	3/23/2022 11:33:00 PM	66332
Surr: 4-Bromofluorobenzene	87.9	70-130	%Rec	1	3/23/2022 11:33:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	I-75	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	7/2022 10:45:00 AM	
Lab ID:	2203B39-009	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		860	60	mg/Kg	20	3/29/2022 12:47:46 AM	66436
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	40	9.8	mg/Kg	1	3/24/2022 1:53:26 PM	66339
Motor Oi	I Range Organics (MRO)	79	49	mg/Kg	1	3/24/2022 1:53:26 PM	66339
Surr: [ONOP	81.5	51.1-141	%Rec	1	3/24/2022 1:53:26 PM	66339
EPA MET	HOD 8015D: GASOLINE RANG	θE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	3/23/2022 11:53:00 PM	66332
Surr: E	3FB	107	37.7-212	%Rec	1	3/23/2022 11:53:00 PM	66332
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	3/23/2022 11:53:00 PM	66332
Toluene		ND	0.050	mg/Kg	1	3/23/2022 11:53:00 PM	66332
Ethylben	zene	ND	0.050	mg/Kg	1	3/23/2022 11:53:00 PM	66332
Xylenes,	Total	ND	0.099	mg/Kg	1	3/23/2022 11:53:00 PM	66332
Surr: 4	1-Bromofluorobenzene	89.4	70-130	%Rec	1	3/23/2022 11:53:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BF	H-76	
Project:	Yates AS Fee Battery		(Collect	tion Dat	e: 3/1	7/2022 10:50:00 AM	
Lab ID:	2203B39-010	Matrix: SOIL		Recei	ved Dat	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	LRN
Chloride		320	60		mg/Kg	20	3/29/2022 1:25:00 AM	66436
EPA MET	THOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	: SB
Diesel R	ange Organics (DRO)	810	190		mg/Kg	20	3/24/2022 5:48:07 PM	66339
Motor Oi	I Range Organics (MRO)	980	970		mg/Kg	20	3/24/2022 5:48:07 PM	66339
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/24/2022 5:48:07 PM	66339
EPA MET	THOD 8015D: GASOLINE RAN	GE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9		mg/Kg	1	3/24/2022 12:12:00 AM	66332
Surr: I	BFB	114	37.7-212		%Rec	1	3/24/2022 12:12:00 AM	66332
EPA MET	THOD 8021B: VOLATILES						Analyst	BRM
Benzene)	ND	0.025		mg/Kg	1	3/24/2022 12:12:00 AM	66332
Toluene		ND	0.049		mg/Kg	1	3/24/2022 12:12:00 AM	66332
Ethylben	izene	ND	0.049		mg/Kg	1	3/24/2022 12:12:00 AM	66332
Xylenes,	Total	ND	0.099		mg/Kg	1	3/24/2022 12:12:00 AM	66332
Surr: 4	4-Bromofluorobenzene	88.9	70-130		%Rec	1	3/24/2022 12:12:00 AM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient S	ample II	D: BF	I-77	
Project:	Yates AS Fee Battery		(Collec	tion Dat	e: 3/1	7/2022 10:55:00 AM	
Lab ID:	2203B39-011	Matrix: SOIL		Recei	ved Dat	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	MRA
Chloride		3100	150		mg/Kg	50	3/29/2022 2:20:04 PM	66436
EPA MET	THOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	5200	96		mg/Kg	10	3/24/2022 4:43:11 PM	66339
Motor Oi	I Range Organics (MRO)	2400	480		mg/Kg	10	3/24/2022 4:43:11 PM	66339
Surr: I	DNOP	0	51.1-141	S	%Rec	10	3/24/2022 4:43:11 PM	66339
EPA MET	THOD 8015D: GASOLINE RAN	IGE					Analyst	BRM
Gasoline	Range Organics (GRO)	210	24		mg/Kg	5	3/24/2022 3:25:00 PM	66332
Surr: I	BFB	271	37.7-212	S	%Rec	5	3/24/2022 3:25:00 PM	66332
EPA MET	THOD 8021B: VOLATILES						Analyst	BRM
Benzene	9	ND	0.12		mg/Kg	5	3/24/2022 3:25:00 PM	66332
Toluene		0.51	0.24		mg/Kg	5	3/24/2022 3:25:00 PM	66332
Ethylben	izene	3.3	0.24		mg/Kg	5	3/24/2022 3:25:00 PM	66332
Xylenes,	Total	8.6	0.49		mg/Kg	5	3/24/2022 3:25:00 PM	66332
Surr: 4	4-Bromofluorobenzene	155	70-130	S	%Rec	5	3/24/2022 3:25:00 PM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-78	
Project:	Yates AS Fee Battery		(Collection Date	e: 3/1	17/2022 11:00:00 AM	
Lab ID:	2203B39-012	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		1700	60	mg/Kg	20	3/28/2022 2:28:32 PM	66445
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	270	48	mg/Kg	5	3/25/2022 4:55:00 PM	66339
Motor Oil	I Range Organics (MRO)	530	240	mg/Kg	5	3/25/2022 4:55:00 PM	66339
Surr: E	DNOP	101	51.1-141	%Rec	5	3/25/2022 4:55:00 PM	66339
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	3/24/2022 12:52:00 AM	66332
Surr: E	3FB	103	37.7-212	%Rec	1	3/24/2022 12:52:00 AM	66332
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	3/24/2022 12:52:00 AM	66332
Toluene		ND	0.050	mg/Kg	1	3/24/2022 12:52:00 AM	66332
Ethylben	zene	ND	0.050	mg/Kg	1	3/24/2022 12:52:00 AM	66332
Xylenes,	Total	ND	0.10	mg/Kg	1	3/24/2022 12:52:00 AM	66332
Surr: 4	1-Bromofluorobenzene	85.5	70-130	%Rec	1	3/24/2022 12:52:00 AM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-79	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	17/2022 11:05:00 AM	
Lab ID:	2203B39-013	Matrix: SOIL		Received Dat	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		1000	60	mg/Kg	20	3/28/2022 2:40:53 PM	66445
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	16	9.4	mg/Kg	1	3/24/2022 12:59:58 PM	66339
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	3/24/2022 12:59:58 PM	66339
Surr: [DNOP	85.3	51.1-141	%Rec	1	3/24/2022 12:59:58 PM	66339
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/24/2022 1:11:00 AM	66332
Surr: E	3FB	103	37.7-212	%Rec	1	3/24/2022 1:11:00 AM	66332
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	3/24/2022 1:11:00 AM	66332
Toluene		ND	0.049	mg/Kg	1	3/24/2022 1:11:00 AM	66332
Ethylben	zene	ND	0.049	mg/Kg	1	3/24/2022 1:11:00 AM	66332
Xylenes,	Total	ND	0.098	mg/Kg	1	3/24/2022 1:11:00 AM	66332
Surr: 4	4-Bromofluorobenzene	87.0	70-130	%Rec	1	3/24/2022 1:11:00 AM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-80				
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 11:10:00 AM								
Lab ID:	2203B39-014	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		120	60	mg/Kg	20	3/28/2022 2:53:14 PM	66445			
ЕРА МЕТ	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	3/24/2022 1:10:36 PM	66339			
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/24/2022 1:10:36 PM	66339			
Surr: [DNOP	81.9	51.1-141	%Rec	1	3/24/2022 1:10:36 PM	66339			
ЕРА МЕТ	THOD 8015D: GASOLINE RANGE					Analyst	BRM			
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/24/2022 1:31:00 AM	66332			
Surr: E	BFB	101	37.7-212	%Rec	1	3/24/2022 1:31:00 AM	66332			
ЕРА МЕТ	THOD 8021B: VOLATILES					Analyst	BRM			
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 1:31:00 AM	66332			
Toluene		ND	0.050	mg/Kg	1	3/24/2022 1:31:00 AM	66332			
Ethylben	izene	ND	0.050	mg/Kg	1	3/24/2022 1:31:00 AM	66332			
Xylenes,	Total	ND	0.099	mg/Kg	1	3/24/2022 1:31:00 AM	66332			
Surr: 4	4-Bromofluorobenzene	86.8	70-130	%Rec	1	3/24/2022 1:31:00 AM	66332			

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

Qualifiers:

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

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Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-81 Collection Date: 3/17/2022 11:15:00 AM Matrix: SOIL Received Date: 3/22/2022 7:15:00 AM					
Project:	Yates AS Fee Battery						
Lab ID:	2203B39-015						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		280	60	mg/Kg	20	3/28/2022 3:05:34 PM	66445
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel Range Organics (DRO)		23	9.5	mg/Kg	1	3/24/2022 1:32:00 PM	66339
Motor Oil Range Organics (MRO)		49	48	mg/Kg	1	3/24/2022 1:32:00 PM	66339
Surr: DNOP		87.0	51.1-141	%Rec	1	3/24/2022 1:32:00 PM	66339
EPA METHOD 8015D: GASOLINE RANGE		E				Analyst	BRM
Gasoline Range Organics (GRO)		ND	4.8	mg/Kg	1	3/24/2022 1:51:00 AM	66332
Surr: I	BFB	104	37.7-212	%Rec	1	3/24/2022 1:51:00 AM	66332
EPA METHOD 8021B: VOLATILES						Analyst	BRM
Benzene	9	ND	0.024	mg/Kg	1	3/24/2022 1:51:00 AM	66332
Toluene		ND	0.048	mg/Kg	1	3/24/2022 1:51:00 AM	66332
Ethylben	izene	ND	0.048	mg/Kg	1	3/24/2022 1:51:00 AM	66332
Xylenes,	Total	ND	0.097	mg/Kg	1	3/24/2022 1:51:00 AM	66332
Surr: 4	4-Bromofluorobenzene	86.9	70-130	%Rec	1	3/24/2022 1:51:00 AM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-82						
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 11:30:00 AM Matrix: SOIL Received Date: 3/22/2022 7:15:00 AM						
Lab ID:	2203B39-016							
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst	LRN	
Chloride		300	60	mg/Kg	20	3/28/2022 3:17:55 PM	66445	
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB	
Diesel Range Organics (DRO)		260	49	mg/Kg	5	3/28/2022 2:11:50 PM	66339	
Motor Oil Range Organics (MRO)		400	250	mg/Kg	5	3/28/2022 2:11:50 PM	66339	
Surr: DNOP		89.3	51.1-141	%Rec	5	3/28/2022 2:11:50 PM	66339	
EPA METHOD 8015D: GASOLINE RANGE		E				Analyst	BRM	
Gasoline Range Organics (GRO)		ND	4.9	mg/Kg	1	3/24/2022 2:10:00 AM	66332	
Surr: E	BFB	101	37.7-212	%Rec	1	3/24/2022 2:10:00 AM	66332	
EPA METHOD 8021B: VOLATILES						Analyst	BRM	
Benzene)	ND	0.024	mg/Kg	1	3/24/2022 2:10:00 AM	66332	
Toluene		ND	0.049	mg/Kg	1	3/24/2022 2:10:00 AM	66332	
Ethylben	izene	ND	0.049	mg/Kg	1	3/24/2022 2:10:00 AM	66332	
Xylenes,	Total	ND	0.097	mg/Kg	1	3/24/2022 2:10:00 AM	66332	
Surr: 4	4-Bromofluorobenzene	86.2	70-130	%Rec	1	3/24/2022 2:10:00 AM	66332	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-83								
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 11:35:00 AM								
Lab ID:	2203B39-017	Matrix: SOIL Received Date: 3/22/2022 7:15:00 AM								
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS						Analyst	: LRN		
Chloride		1900	60		mg/Kg	20	3/28/2022 3:30:15 PM	66445		
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	: SB		
Diesel Range Organics (DRO)		530	98		mg/Kg	10	3/24/2022 5:15:45 PM	66339		
Motor Oil Range Organics (MRO)		540	490		mg/Kg	10	3/24/2022 5:15:45 PM	66339		
Surr: DNOP		0	51.1-141	S	%Rec	10	3/24/2022 5:15:45 PM	66339		
EPA METHOD 8015D: GASOLINE RANGI		E					Analyst	BRM		
Gasoline	e Range Organics (GRO)	ND	4.9		mg/Kg	1	3/24/2022 2:30:00 AM	66332		
Surr: I	BFB	113	37.7-212		%Rec	1	3/24/2022 2:30:00 AM	66332		
EPA MET	THOD 8021B: VOLATILES						Analyst	BRM		
Benzene	9	ND	0.025		mg/Kg	1	3/24/2022 2:30:00 AM	66332		
Toluene		ND	0.049		mg/Kg	1	3/24/2022 2:30:00 AM	66332		
Ethylben	izene	ND	0.049		mg/Kg	1	3/24/2022 2:30:00 AM	66332		
Xylenes, Total		ND	0.099		mg/Kg	1	3/24/2022 2:30:00 AM	66332		
Surr: 4	4-Bromofluorobenzene	86.7	70-130		%Rec	1	3/24/2022 2:30:00 AM	66332		

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

Qualifiers:

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

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Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-84	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	17/2022 11:40:00 AM	
Lab ID:	2203B39-018	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1400	60	mg/Kg	20	3/28/2022 4:31:57 PM	66445
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	210	10	mg/Kg	1	3/25/2022 3:50:34 PM	66339
Motor Oi	il Range Organics (MRO)	280	50	mg/Kg	1	3/25/2022 3:50:34 PM	66339
Surr: I	DNOP	97.2	51.1-141	%Rec	1	3/25/2022 3:50:34 PM	66339
EPA MET	THOD 8015D: GASOLINE RANGE	1				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/24/2022 3:29:00 AM	66332
Surr: I	BFB	104	37.7-212	%Rec	1	3/24/2022 3:29:00 AM	66332
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 3:29:00 AM	66332
Toluene		ND	0.050	mg/Kg	1	3/24/2022 3:29:00 AM	66332
Ethylben	izene	ND	0.050	mg/Kg	1	3/24/2022 3:29:00 AM	66332
Xylenes,	Total	ND	0.10	mg/Kg	1	3/24/2022 3:29:00 AM	66332
Surr: 4	4-Bromofluorobenzene	86.9	70-130	%Rec	1	3/24/2022 3:29:00 AM	66332

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-85				
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 11:45:00 AM								
Lab ID:	2203B39-019	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analys	t: LRN			
Chloride		670	60	mg/Kg	20	3/28/2022 4:44:17 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB			
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/24/2022 1:21:17 PM	66339			
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/24/2022 1:21:17 PM	66339			
Surr: I	DNOP	76.7	51.1-141	%Rec	1	3/24/2022 1:21:17 PM	66339			
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analys	t: BRM			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/24/2022 3:48:00 AM	66332			
Surr: I	BFB	104	37.7-212	%Rec	1	3/24/2022 3:48:00 AM	66332			
EPA MET	THOD 8021B: VOLATILES					Analys	t: BRM			
Benzene	9	ND	0.024	mg/Kg	1	3/24/2022 3:48:00 AM	66332			
Toluene		ND	0.049	mg/Kg	1	3/24/2022 3:48:00 AM	66332			
Ethylben	izene	ND	0.049	mg/Kg	1	3/24/2022 3:48:00 AM	66332			
Xylenes,	, Total	ND	0.098	mg/Kg	1	3/24/2022 3:48:00 AM	66332			
Surr: 4	4-Bromofluorobenzene	86.3	70-130	%Rec	1	3/24/2022 3·48·00 AM	66332			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	I-86				
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 11:50:00 AM								
Lab ID:	2203B39-020	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN			
Chloride		750	60	mg/Kg	20	3/28/2022 4:56:37 PM	66445			
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED			
Diesel Ra	ange Organics (DRO)	130	9.8	mg/Kg	1	3/24/2022 10:21:00 PM	66359			
Motor Oi	I Range Organics (MRO)	170	49	mg/Kg	1	3/24/2022 10:21:00 PM	66359			
Surr: [ONOP	93.2	51.1-141	%Rec	1	3/24/2022 10:21:00 PM	66359			
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	: NSB			
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/24/2022 3:51:54 PM	66338			
Surr: E	3FB	108	37.7-212	%Rec	1	3/24/2022 3:51:54 PM	66338			
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB			
Benzene		ND	0.024	mg/Kg	1	3/24/2022 3:51:54 PM	66338			
Toluene		ND	0.048	mg/Kg	1	3/24/2022 3:51:54 PM	66338			
Ethylben	zene	ND	0.048	mg/Kg	1	3/24/2022 3:51:54 PM	66338			
Xylenes,	Total	ND	0.097	mg/Kg	1	3/24/2022 3:51:54 PM	66338			
Surr: 4	4-Bromofluorobenzene	98.9	70-130	%Rec	1	3/24/2022 3:51:54 PM	66338			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-87				
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 11:55:00 AM								
Lab ID:	2203B39-021	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		450	61	mg/Kg	20	3/28/2022 5:08:58 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	84	9.7	mg/Kg	1	3/24/2022 11:33:47 PM	66359			
Motor Oi	I Range Organics (MRO)	160	48	mg/Kg	1	3/24/2022 11:33:47 PM	66359			
Surr: I	DNOP	92.0	51.1-141	%Rec	1	3/24/2022 11:33:47 PM	66359			
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/24/2022 5:01:52 PM	66338			
Surr: I	BFB	131	37.7-212	%Rec	1	3/24/2022 5:01:52 PM	66338			
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB			
Benzene)	ND	0.025	mg/Kg	1	3/24/2022 5:01:52 PM	66338			
Toluene		ND	0.050	mg/Kg	1	3/24/2022 5:01:52 PM	66338			
Ethylben	izene	ND	0.050	mg/Kg	1	3/24/2022 5:01:52 PM	66338			
Xylenes,	Total	ND	0.099	mg/Kg	1	3/24/2022 5:01:52 PM	66338			
Surr: 4	4-Bromofluorobenzene	100	70-130	%Rec	1	3/24/2022 5:01:52 PM	66338			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-88				
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 12:00:00 PM								
Lab ID:	2203B39-022	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		1500	60	mg/Kg	20	3/28/2022 5:21:18 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	21	10	mg/Kg	1	3/24/2022 11:58:02 PM	66359			
Motor Oi	il Range Organics (MRO)	78	50	mg/Kg	1	3/24/2022 11:58:02 PM	66359			
Surr: [DNOP	90.7	51.1-141	%Rec	1	3/24/2022 11:58:02 PM	66359			
ЕРА МЕТ	THOD 8015D: GASOLINE RANGE	E				Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/24/2022 6:11:51 PM	66338			
Surr: E	BFB	109	37.7-212	%Rec	1	3/24/2022 6:11:51 PM	66338			
ЕРА МЕТ	THOD 8021B: VOLATILES					Analyst	NSB			
Benzene	9	ND	0.024	mg/Kg	1	3/24/2022 6:11:51 PM	66338			
Toluene		ND	0.048	mg/Kg	1	3/24/2022 6:11:51 PM	66338			
Ethylben	izene	ND	0.048	mg/Kg	1	3/24/2022 6:11:51 PM	66338			
Xylenes,	Total	ND	0.097	mg/Kg	1	3/24/2022 6:11:51 PM	66338			
Surr: 4	4-Bromofluorobenzene	98.9	70-130	%Rec	1	3/24/2022 6:11:51 PM	66338			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-89				
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 12:05:00 PM								
Lab ID:	2203B39-023	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		2300	60	mg/Kg	20	3/28/2022 5:33:39 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	89	10	mg/Kg	1	3/25/2022 12:22:08 AM	66359			
Motor Oi	I Range Organics (MRO)	150	50	mg/Kg	1	3/25/2022 12:22:08 AM	66359			
Surr: I	DNOP	91.5	51.1-141	%Rec	1	3/25/2022 12:22:08 AM	66359			
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/24/2022 6:35:13 PM	66338			
Surr: I	BFB	104	37.7-212	%Rec	1	3/24/2022 6:35:13 PM	66338			
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB			
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 6:35:13 PM	66338			
Toluene		ND	0.049	mg/Kg	1	3/24/2022 6:35:13 PM	66338			
Ethylben	izene	ND	0.049	mg/Kg	1	3/24/2022 6:35:13 PM	66338			
Xylenes,	Total	ND	0.098	mg/Kg	1	3/24/2022 6:35:13 PM	66338			
Surr: 4	4-Bromofluorobenzene	97.0	70-130	%Rec	1	3/24/2022 6:35:13 PM	66338			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-90	
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	17/2022 12:10:00 PM	
Lab ID:	2203B39-024	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1900	60	mg/Kg	20	3/28/2022 5:46:00 PM	66445
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/24/2022 1:38:08 PM	66359
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/24/2022 1:38:08 PM	66359
Surr: [DNOP	89.8	51.1-141	%Rec	1	3/24/2022 1:38:08 PM	66359
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/24/2022 6:58:36 PM	66338
Surr: E	BFB	107	37.7-212	%Rec	1	3/24/2022 6:58:36 PM	66338
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 6:58:36 PM	66338
Toluene		ND	0.050	mg/Kg	1	3/24/2022 6:58:36 PM	66338
Ethylben	izene	ND	0.050	mg/Kg	1	3/24/2022 6:58:36 PM	66338
Xylenes,	Total	ND	0.099	mg/Kg	1	3/24/2022 6:58:36 PM	66338
Surr: 4	4-Bromofluorobenzene	97.0	70-130	%Rec	1	3/24/2022 6:58:36 PM	66338

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-91				
Project:	Yates AS Fee Battery	Collection Date: 3/17/2022 12:15:00 PM								
Lab ID:	2203B39-025	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	MRA			
Chloride		3500	150	mg/Kg	50	3/29/2022 2:32:24 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	ED			
Diesel R	ange Organics (DRO)	120	10	mg/Kg	1	3/25/2022 12:27:10 PM	66359			
Motor Oi	I Range Organics (MRO)	170	50	mg/Kg	1	3/25/2022 12:27:10 PM	66359			
Surr: I	DNOP	76.3	51.1-141	%Rec	1	3/25/2022 12:27:10 PM	66359			
EPA MET	THOD 8015D: GASOLINE RANGI	E				Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/24/2022 7:22:02 PM	66338			
Surr: I	BFB	105	37.7-212	%Rec	1	3/24/2022 7:22:02 PM	66338			
EPA MET	THOD 8021B: VOLATILES					Analyst:	NSB			
Benzene	9	ND	0.024	mg/Kg	1	3/24/2022 7:22:02 PM	66338			
Toluene		ND	0.048	mg/Kg	1	3/24/2022 7:22:02 PM	66338			
Ethylben	izene	ND	0.048	mg/Kg	1	3/24/2022 7:22:02 PM	66338			
Xylenes,	Total	ND	0.097	mg/Kg	1	3/24/2022 7:22:02 PM	66338			
Surr: 4	4-Bromofluorobenzene	94.5	70-130	%Rec	1	3/24/2022 7:22:02 PM	66338			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	W-11	
Project:	Yates AS Fee Battery			Collection Dat	e: 3/1	18/2022 12:00:00 PM	
Lab ID:	2203B39-026	Matrix: SOIL		Received Dat	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		270	60	mg/Kg	20	3/28/2022 6:35:22 PM	66445
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	71	9.9	mg/Kg	1	3/24/2022 2:36:26 PM	66359
Motor Oi	il Range Organics (MRO)	200	50	mg/Kg	1	3/24/2022 2:36:26 PM	66359
Surr: I	DNOP	89.3	51.1-141	%Rec	1	3/24/2022 2:36:26 PM	66359
EPA MET	THOD 8015D: GASOLINE RANGI	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/24/2022 7:45:36 PM	66338
Surr: I	BFB	104	37.7-212	%Rec	1	3/24/2022 7:45:36 PM	66338
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 7:45:36 PM	66338
Toluene		ND	0.049	mg/Kg	1	3/24/2022 7:45:36 PM	66338
Ethylben	izene	ND	0.049	mg/Kg	1	3/24/2022 7:45:36 PM	66338
Xylenes,	, Total	ND	0.098	mg/Kg	1	3/24/2022 7:45:36 PM	66338
Surr: 4	4-Bromofluorobenzene	94.2	70-130	%Rec	1	3/24/2022 7:45:36 PM	66338

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	W-12				
Project:	Yates AS Fee Battery	Collection Date: 3/18/2022 12:05:00 PM								
Lab ID:	2203B39-027	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		200	60	mg/Kg	20	3/28/2022 6:47:42 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED			
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	3/24/2022 3:25:42 PM	66359			
Motor Oi	il Range Organics (MRO)	ND	47	mg/Kg	1	3/24/2022 3:25:42 PM	66359			
Surr: I	DNOP	83.5	51.1-141	%Rec	1	3/24/2022 3:25:42 PM	66359			
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/24/2022 8:09:10 PM	66338			
Surr: I	BFB	108	37.7-212	%Rec	1	3/24/2022 8:09:10 PM	66338			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 8:09:10 PM	66338			
Toluene		ND	0.050	mg/Kg	1	3/24/2022 8:09:10 PM	66338			
Ethylben	nzene	ND	0.050	mg/Kg	1	3/24/2022 8:09:10 PM	66338			
Xylenes,	, Total	ND	0.099	mg/Kg	1	3/24/2022 8:09:10 PM	66338			
Surr: 4	4-Bromofluorobenzene	98.5	70-130	%Rec	1	3/24/2022 8:09:10 PM	66338			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	V-13				
Project:	Yates AS Fee Battery	Collection Date: 3/18/2022 12:10:00 PM								
Lab ID:	2203B39-028	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		660	60	mg/Kg	20	3/28/2022 7:00:03 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	16	9.6	mg/Kg	1	3/24/2022 4:39:15 PM	66359			
Motor Oi	il Range Organics (MRO)	50	48	mg/Kg	1	3/24/2022 4:39:15 PM	66359			
Surr: [DNOP	79.3	51.1-141	%Rec	1	3/24/2022 4:39:15 PM	66359			
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/24/2022 9:43:23 PM	66338			
Surr: E	BFB	106	37.7-212	%Rec	1	3/24/2022 9:43:23 PM	66338			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.024	mg/Kg	1	3/24/2022 9:43:23 PM	66338			
Toluene		ND	0.049	mg/Kg	1	3/24/2022 9:43:23 PM	66338			
Ethylben	izene	ND	0.049	mg/Kg	1	3/24/2022 9:43:23 PM	66338			
Xylenes,	Total	ND	0.097	mg/Kg	1	3/24/2022 9:43:23 PM	66338			
Surr: 4	4-Bromofluorobenzene	95.2	70-130	%Rec	1	3/24/2022 9:43:23 PM	66338			

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: SV	V-14				
Project:	Yates AS Fee Battery		Collection Date: 3/18/2022 12:15:00 PM								
Lab ID:	2203B39-029	Matrix: SOIL		Recei	ved Dat	e: 3/2	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS						Analyst	LRN			
Chloride		170	60		mg/Kg	20	3/28/2022 7:12:24 PM	66445			
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS					Analyst	ED			
Diesel R	ange Organics (DRO)	630	92		mg/Kg	10	3/28/2022 1:03:13 PM	66359			
Motor Oi	I Range Organics (MRO)	950	460		mg/Kg	10	3/28/2022 1:03:13 PM	66359			
Surr: I	DNOP	0	51.1-141	S	%Rec	10	3/28/2022 1:03:13 PM	66359			
EPA MET	THOD 8015D: GASOLINE RAI	NGE					Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	25		mg/Kg	5	3/24/2022 10:06:55 PM	66338			
Surr: I	BFB	106	37.7-212		%Rec	5	3/24/2022 10:06:55 PM	66338			
EPA MET	THOD 8021B: VOLATILES						Analyst	NSB			
Benzene	9	ND	0.12		mg/Kg	5	3/24/2022 10:06:55 PM	66338			
Toluene		ND	0.25		mg/Kg	5	3/24/2022 10:06:55 PM	66338			
Ethylben	izene	ND	0.25		mg/Kg	5	3/24/2022 10:06:55 PM	66338			
Xylenes,	Total	ND	0.49		mg/Kg	5	3/24/2022 10:06:55 PM	66338			
Surr: 4	4-Bromofluorobenzene	94.3	70-130		%Rec	5	3/24/2022 10:06:55 PM	66338			

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: SW-15							
Project:	Yates AS Fee Battery		(Collection Dat	e: 3/1	8/2022 12:20:00 PM			
Lab ID:	2203B39-030	Matrix: SOIL Received Date: 3/22/2022 7:15:00 AM							
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	LRN		
Chloride		350	60	mg/Kg	20	3/28/2022 7:49:28 PM	66445		
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: ED									
Diesel R	ange Organics (DRO)	86	9.5	mg/Kg	1	3/24/2022 5:28:15 PM	66359		
Motor Oi	il Range Organics (MRO)	150	47	mg/Kg	1	3/24/2022 5:28:15 PM	66359		
Surr: I	DNOP	90.1	51.1-141	%Rec	1	3/24/2022 5:28:15 PM	66359		
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/24/2022 10:30:29 PM	66338		
Surr: I	BFB	108	37.7-212	%Rec	1	3/24/2022 10:30:29 PM	66338		
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB		
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 10:30:29 PM	66338		
Toluene		ND	0.049	mg/Kg	1	3/24/2022 10:30:29 PM	66338		
Ethylben	izene	ND	0.049	mg/Kg	1	3/24/2022 10:30:29 PM	66338		
Xylenes,	Total	ND	0.098	mg/Kg	1	3/24/2022 10:30:29 PM	66338		
Surr: 4	4-Bromofluorobenzene	97.2	70-130	%Rec	1	3/24/2022 10:30:29 PM	66338		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	V-16	
Project:	Yates AS Fee Battery		(Collection Date	e: 3/1	8/2022 12:25:00 PM	
Lab ID:	2203B39-031	Matrix: SOIL		Received Date	e: 3/2	22/2022 7:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		200	60	mg/Kg	20	3/28/2022 8:01:48 PM	66445
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	3/24/2022 5:52:40 PM	66359
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/24/2022 5:52:40 PM	66359
Surr: I	DNOP	89.0	51.1-141	%Rec	1	3/24/2022 5:52:40 PM	66359
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/24/2022 10:54:03 PM	66338
Surr: I	BFB	104	37.7-212	%Rec	1	3/24/2022 10:54:03 PM	66338
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/24/2022 10:54:03 PM	66338
Toluene		ND	0.048	mg/Kg	1	3/24/2022 10:54:03 PM	66338
Ethylben	izene	ND	0.048	mg/Kg	1	3/24/2022 10:54:03 PM	66338
Xylenes,	Total	ND	0.097	mg/Kg	1	3/24/2022 10:54:03 PM	66338
Surr: 4	4-Bromofluorobenzene	94.0	70-130	%Rec	1	3/24/2022 10:54:03 PM	66338

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203B39

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	V-17	
Project:	Yates AS Fee Battery		(Collection Date	e: 3/1	18/2022 12:30:00 PM	
Lab ID:	2203B39-032	Matrix: SOIL	22/2022 7:15:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		85	60	mg/Kg	20	3/28/2022 9:03:32 PM	66450
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	110	9.8	mg/Kg	1	3/24/2022 6:17:21 PM	66359
Motor Oi	il Range Organics (MRO)	190	49	mg/Kg	1	3/24/2022 6:17:21 PM	66359
Surr: I	DNOP	81.6	51.1-141	%Rec	1	3/24/2022 6:17:21 PM	66359
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/24/2022 11:17:28 PM	66338
Surr: I	BFB	107	37.7-212	%Rec	1	3/24/2022 11:17:28 PM	66338
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.025	mg/Kg	1	3/24/2022 11:17:28 PM	66338
Toluene		ND	0.050	mg/Kg	1	3/24/2022 11:17:28 PM	66338
Ethylben	izene	ND	0.050	mg/Kg	1	3/24/2022 11:17:28 PM	66338
Xylenes,	, Total	ND	0.099	mg/Kg	1	3/24/2022 11:17:28 PM	66338
Surr: 4	4-Bromofluorobenzene	97.8	70-130	%Rec	1	3/24/2022 11:17:28 PM	66338

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

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2203B39

05-Apr-22

Client: Proiect:	GHD M Yates A	idland S Fee Battery			
		2			
Sample ID:	MB-66436		TestCode: EPA Method	1 300.0: Anions	
Client ID:	PB5	Batch ID: 66436	Runino: 86789		
Prep Date:	3/28/2022	Analysis Date: 3/28/2022	SeqNO: 3065423	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chionde					
Sample ID:	LCS-66436	SampType: Ics	TestCode: EPA Method	l 300.0: Anions	
Client ID:	LCSS	Batch ID: 66436	RunNo: 86789		
Prep Date:	3/28/2022	Analysis Date: 3/28/2022	SeqNo: 3065424	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		14 1.5 15.00	0 92.7 90	110	
Sample ID:	MB-66445	SampType: mblk	TestCode: EPA Method	l 300.0: Anions	
Client ID:	PBS	Batch ID: 66445	RunNo: 86811		
Prep Date:	3/28/2022	Analysis Date: 3/28/2022	SeqNo: 3065610	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-66445	SampType: Ics	TestCode: EPA Method	l 300.0: Anions	
Client ID:	LCSS	Batch ID: 66445	RunNo: 86811		
Prep Date:	3/28/2022	Analysis Date: 3/28/2022	SeqNo: 3065611	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		14 1.5 15.00	0 93.0 90	110	
Sample ID:	MB-66450	SampType: mblk	TestCode: EPA Method	l 300.0: Anions	
Client ID:	PBS	Batch ID: 66450	RunNo: 86811		
Prep Date:	3/28/2022	Analysis Date: 3/28/2022	SeqNo: 3065644	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-66450	SampType: Ics	TestCode: EPA Method	l 300.0: Anions	
Client ID:	LCSS	Batch ID: 66450	RunNo: 86811		
Prep Date:	3/28/2022	Analysis Date: 3/28/2022	SeqNo: 3065645	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		14 1.5 15.00	0 90.7 90	110	

Qualifiers:

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

RL Reporting Limit

GHD Midland

Yates AS Fee Battery

Client:

Project:

Sample ID: LCS-66359

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

Client ID: LCSS	Batch	ID: 66	359	F	RunNo: 8	6720				
Prep Date: 3/23/2022	Analysis Da	ate: 3/	24/2022	S	SeqNo: 3	061758	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	87.8	68.9	135			
Surr: DNOP	4.1		5.000		81.6	51.1	141			
Sample ID: MB-66359	SampTy	/pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	ID: 66	359	F	RunNo: 8	6720				
Prep Date: 3/23/2022	Analysis Da	ate: 3/	24/2022	5	SeqNo: 3	061759	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		87.3	51.1	141			
Sample ID: LCS-66339	SampTy	/pe: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch	ID: 66	339	F	RunNo: 8	6708				
Prep Date: 3/23/2022	Analysis Da	ate: 3/	24/2022	5	SeqNo: 3	061782	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.3	68.9	135			
Surr: DNOP	3.7		5.000		74.5	51.1	141			
Sample ID: MB-66339	SampTy	/pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	ID: 66	339	F	RunNo: 8	6708				
Prep Date: 3/23/2022	Analysis Da	ate: 3/	24/2022	S	SeqNo: 3	061783	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	9.9		10.00		98.7	51.1	141			
Sample ID: 2203B39-020AMS	SampTy	/pe: M \$	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BH-86	Batch	ID: 66	359	F	RunNo: 8	6720				
Prep Date: 3/23/2022	Analysis Da	ate: 3/	24/2022	5	SeqNo: 3	062736	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	280	9.9	49.70	131.1	304	36.1	154			S
Surr: DNOP	4.4		4.970		89.1	51.1	141			

Qualifiers:

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

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WO#: 2203B39

TestCode: EPA Method 8015M/D: Diesel Range Organics

Hall Environmental Analysis Laboratory, Inc.		05-Apr-22
	WO#:	2203B39

Client:	GHD Mid	iland									
Project:	Yates AS	Fee Batte	ry								
Sample ID:	Sample ID: 2203B39-020AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics										
Client ID:	BH-86	Batch	ID: 66	359	R	RunNo: 80	6720				
Prep Date:	3/23/2022	Analysis D	ate: 3/	24/2022	S	SeqNo: 3	062737	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	170	10	49.85	131.1	82.1	36.1	154	48.5	33.9	R
Surr: DNOP		4.1		4.985		83.2	51.1	141	0	0	

Qualifiers:

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

.

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2203	B39

05-Apr-22

Client:	GHD Mid	dland										
Project:	Yates AS	Fee Batt	ery									
Sample ID:	mb-66332	Samp	Гуре: М	BLK	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID:	PBS	Batc	h ID: 66	332	F	RunNo: 86691						
Prep Date:	3/22/2022	Analysis [Date: 3	/23/2022	S	SeqNo: 3	061125	Units: mg/k	٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Rang Surr: BFB	ge Organics (GRO)	ND 1100	5.0	1000		111	37.7	212				
Sample ID:	lcs-66332	Samp	Гуре: L(cs	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e		
Client ID:	LCSS	Batc	h ID: 66	332	F	RunNo: 8	6691					
Prep Date:	3/22/2022	Analysis [Date: 3	/23/2022	5	SeqNo: 3	061126	Units: mg/k	٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Rang Surr: BFB	ge Organics (GRO)	26 2300	5.0	25.00 1000	0	103 227	72.3 37.7	137 212			S	
Sample ID:	mb-66338	Samp	Гуре: М	BLK	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e		
Client ID:	PBS	Batc	h ID: 66	338	F	RunNo: 8	6732					
Prep Date:	3/22/2022	Analysis [Date: 3	/24/2022	S	SeqNo: 3	062171	Units: mg/k	٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Rang	ge Organics (GRO)	ND 1100	5.0	1000		106	37 7	212				
		1100		1000		100	51.1	212				
Sample ID:	Ics-66338	Samp	Гуре: L(CS	RunNo: 86732							
Client ID:		Batc	n ID: 66	338	F		6732	11.1.1. 0				
Prep Date:	3/22/2022	Analysis L	Date: 3	/24/2022	5	SeqNo: 3	062172	Units: mg/	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Rang Surr: BFB	ge Organics (GRO)	25 2200	5.0	25.00 1000	0	98.1 219	72.3 37.7	137 212			S	
Sample ID:	2202b20 020ama	Somo		e	Too	tCodo: El	DA Mothod	9015D: Cooc	lino Pong			
Client ID:	BH-86	Bate	пуре. IVI Б.ID. 66	338	F		6732	0015D. Gast	nine Kang	6		
Prep Date:	3/22/2022	Analvsis [Date: 3	/24/2022	ŝ	SeaNo: 3	062174	Units: ma/k	Ka			
Analyte		Result	POI	SPK value	SPK Ref Val	%REC	Lowl imit	Highl imit	%RPD	RPDI imit	Qual	
Gasoline Rang	ge Organics (GRO)	22	4.9	24.65	0	89.9	70	130			Quui	
Surr: BFB		2100		986.2		217	37.7	212			S	
Sample ID: 2203b39-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range									oline Rang	e		
Sample ID:												
Client ID:	BH-86	Batc	h ID: 66	6338	F	RunNo: 8	6732					
Client ID: Prep Date:	BH-86 3/22/2022	Batc Analysis [h ID: 66 Date: 3	3338 /24/2022	F	RunNo: 8 SeqNo: 3	6732 062175	Units: mg/k	٢g			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

.

GHD Midland

Yates AS Fee Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Sample ID: 2203b39-020amsd	SampType: MSD TestCode: EPA Method 8015D: Gasoline Range									
Client ID: BH-86	Batch	ID: 66	338	F	unNo: 86	6732				
Prep Date: 3/22/2022	Analysis Da	ite: 3/	24/2022	S	eqNo: 30	062175	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.56	0	103	70	130	13.6	20	
Surr: BFB	2200		982.3		223	37.7	212	0	0	S
Sample ID: mb-66382	SampTy	pe: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch	ID: 66	382	F	lunNo: 86	6765				
Prep Date: 3/24/2022	Analysis Da	ite: 3/	26/2022	S	eqNo: 30	063885	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		108	37.7	212			
Sample ID: Ics-66382	SampTy	pe: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch	ID: 66	382	F	lunNo: 86	6765				
Prep Date: 3/24/2022	Analysis Da	ite: 3/	25/2022	S	eqNo: 30	063886	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2200		1000		219	37.7	212			S

Qualifiers:

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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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WO#: 2203B39 05-Apr-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Page	309	of 544

WO#:	2203	B39

05-Apr-22

Client: Project:	GHD Mic Yates AS	lland Fee Batte	ery								
Sample ID:	mb-66332	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batcl	h ID: 66:	332	F	RunNo: 8	6691				
Prep Date:	3/22/2022	Analysis D	Date: 3/ 2	23/2022	S	SeqNo: 3	061171	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.92		1.000		91.8	70	130			
Sample ID:	lcs-66332	SampT	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batcl	h ID: 663	332	F	RunNo: 8	6691				
Prep Date:	3/22/2022	Analysis D	Date: 3/ 2	23/2022	5	SeqNo: 3	061173	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.89	0.025	1.000	0	88.8	80	120			
Toluene		0.91	0.050	1.000	0	91.5	80	120			
Ethylbenzene		0.92	0.050	1.000	0	92.0	80	120			
Xylenes, Total		2.7	0.10	3.000	0	91.6	80	120			
Surr: 4-Brom	ofluorobenzene	0.90		1.000		89.9	70	130			
Sample ID:	2203b39-001ams	SampT	Гуре: МS	5	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	BH-67	Batcl	h ID: 66	332	F	RunNo: 8	6691				
Prep Date:	3/22/2022	Analysis E	Date: 3/	23/2022	S	SeqNo: 3	061176	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.92	0.024	0.9560	0	95.9	68.8	120			
Toluene		0.95	0.048	0.9560	0	99.8	73.6	124			
Ethylbenzene		0.97	0.048	0.9560	0	101	72.7	129			
Xylenes, Total		2.9	0.096	2.868	0	101	75.7	126			
Surr: 4-Brom	ofluorobenzene	0.88		0.9560		91.8	70	130			
Sample ID:	2203b39-001amsd	I SampT	ype: MS	5D	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	BH-67	Batcl	h ID: 66:	332	F	RunNo: 8	6691				
Prep Date:	3/22/2022	Analysis E	Date: 3/	23/2022	S	SeqNo: 30	061177	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.99	0.024	0.9756	0	102	68.8	120	8.17	20	
Toluene		1.0	0.049	0.9756	0	107	73.6	124	8.63	20	
Ethylbenzene		1.1	0.049	0.9756	0	108	72.7	129	9.01	20	
Xylenes, Total		3.2	0.098	2.927	0	108	75.7	126	8.75	20	
Surr: 4-Brom	ofluorobenzene	0.89		0.9756		90.9	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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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2203B39	

05-Apr-22

Client:	GHD Mid	iland									
Project:	Yates AS	Fee Batte	ery								
Sampla ID:	mb 66229	Somo			Too	tCodo: El	A Mothod	9021 Pr Volo	ilee		
	ND-00330	Sampi			res				lies		
Client ID:	PB2	Batci	n ID: 66.	338	F		5/32		_		
Prep Date:	3/22/2022	Analysis D	Date: 3/	24/2022		SeqNo: 3	062210	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, I otal	a .	ND	0.10	4 000				100			
Surr: 4-Brom	nofluorobenzene	0.96		1.000		96.4	70	130			
Sample ID:	LCS-66338	SampT	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batcl	h ID: 66:	338	F	RunNo: 8	6732				
Prep Date:	3/22/2022	Analysis D	Date: 3/	24/2022	S	SeqNo: 30	062211	Units: mg/k	íg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.86	0.025	1.000	0	86.0	80	120			
Toluene		0.91	0.050	1.000	0	91.4	80	120			
Ethylbenzene		0.93	0.050	1.000	0	93.0	80	120			
Xylenes, Total		2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Brom	ofluorobenzene	1.0		1.000		102	70	130			
Sample ID:	2203b39-021ams	SampT	Гуре: МS	5	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	BH-87	Batcl	h ID: 66:	338	F	RunNo: 8	6732				
Prep Date:	3/22/2022	Analysis D	Date: 3/	24/2022	S	SeqNo: 30	062214	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.78	0.024	0.9756	0	80.3	68.8	120			
Toluene		0.86	0.049	0.9756	0	87.9	73.6	124			
Ethylbenzene		0.87	0.049	0.9756	0.01337	88.0	72.7	129			
Xylenes, Total		2.6	0.098	2.927	0.03396	89.2	75.7	126			
Surr: 4-Brom	ofluorobenzene	0.99		0.9756		101	70	130			
Sample ID:	2203b39-021amsd	I SampT	Гуре: МS	D	Tes	tCode: EF	PA Method	8021B: Vola	iles		
Client ID:	BH-87	Batcl	h ID: 663	338	F	RunNo: 8	6732				
Prep Date:	3/22/2022	Analysis D	Date: 3/	24/2022	S	SeqNo: 30	062215	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.81	0.025	0.9980	0	81.4	68.8	120	3.68	20	
Toluene		0.88	0.050	0.9980	0	88.2	73.6	124	2.64	20	
Ethylbenzene		0.90	0.050	0.9980	0.01337	88.5	72.7	129	2.75	20	
Xylenes, Total		2.7	0.10	2.994	0.03396	88.7	75.7	126	1.70	20	
Surr: 4-Brom	ofluorobenzene	1.0		0.9980		104	70	130	0	0	

Qualifiers:

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

Client: GH Project: Yate	D Midland es AS Fee Battery							
Sample ID: mb-66382	SampType:	MBLK	TestCode: E	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch ID:	66382	RunNo: 8	86765				
Prep Date: 3/24/2022	Analysis Date:	3/26/2022	SeqNo:	3063943	Units: %Rec	;		
Analyte	Result PC	L SPK value	SPK Ref Val %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.98	1.000	97.9	70	130			
Sample ID: LCS-66382	SampType:	LCS	TestCode: E	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch ID:	66382	RunNo: 8	86765				
Prep Date: 3/24/2022	Analysis Date:	3/25/2022	SeqNo:	8063944	Units: %Rec	;		
Analyte	Result PC	L SPK value	SPK Ref Val %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0	1.000	102	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 40 of 40

2203B39

05-Apr-22

WO#:

ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-34 Website: cli	Albuque 5-3975 FAX ents.hallenv	901 Haw eque, NA 7: 505-3- ironmen	kins NE 4 87109 45-4107 ttal.com	Sa	mple Log-In Check List
Client Name: GHD Midland	Work Order N	umber: 22)3B39			RcptNo: 1
Received By: Cheyenne Cason	3/22/2022 7:15:0	00 AM		Chen	L	
Completed By: Cheyenne Cason	3/22/2022 8:13:2	MAO		11	1	
Reviewed By: KPG 3/2:	-122			Alex		
Chain of Custody						
1. Is Chain of Custody complete?		Yes	V	No		Not Present
2. How was the sample delivered?		Cou	rier	,		
Log In						
Was an attempt made to cool the samples	2	Yes	~	No		NA 🗔
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes	~	No		
5. Sample(s) in proper container(s)?		Yes		No		
6. Sufficient sample volume for indicated test()?	Ver		No		
7. Are samples (except VOA and ONG) proper	v preserved?	Yee		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	n	
10. Were any sample containers received broke	n?	Yes		No		
11. Does paperwork match bottle labour 2					_	# of preserved bottles checked
(Note discrepancies on chain of custody)		Yes	V	No		for pH:
12. Are matrices correctly identified on Chain of	Custody?	Yes	~	No		(<2 of >12 unless moted) Adjusted?
13. Is it clear what analyses were requested?		Yes	~	No		
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes	~	No	5	effecked by: JA 3 22 2
Special Handling (if applicable)					1	
15. Was client notified of all discrepancies with t	nis order?	Yes		No		
Person Notified:	Data					
By Whom:	Via	- I oMai			-	
Regarding:	via.				гах	In Person
Client Instructions:					_	
16. Additional remarks:						
17. <u>Cooler Information</u> Cooler No Temp °C Condition Se 1 5.0 Good Not 2 3.5 Good Not	al Intact Seal No Present	Seal Dat	9	Signed By	V	

Page 1 of 1

	Chai	n-of-C	ustodv Re	cord	Turn-Arour	id Time:		Г	I			1-	٢			Re
Clien	nt: GHD			5	d Ctando	i J	0		η	HA	F	N	IR	UNO	IENT/	
					Project Nar	ne:	si lo		П	AN	ALY	SIS	2	BO	RATO	d by
Maili	ng Addre	ess:			Vates 1	H Far 1	Battory		00 100	WWW	r.haller	nvironn.	nental	com		OCD:
324 \	N. Main	St. Suite 1	08, Artesia NM 88	3210	Project #:	-	2	- ÷			П - А	anbndr	erque,	NM 87	109	: 5/2
Phon	e #:	(505)37	77-4218		11228	101			CIC 202	00-070-070-	CIA CIA	Inste l	005-34	5-4107		7/20
emai	or Fax#	Eecky.	Haskell@ghd.com		Project Mar	lager:			E	-		l eiek		10		22
QA/Q	C Packag	je:			Becky Hask	ell		120	S,	S	os		ţuo:	1112		2:56
□ St	andard		Level 4 (Full	Validation)	Tom Larsor			08) s	SCB	WIS	" ⁰ C		540/	2011		5:23
Accre	editation:	D Az C	ompliance		Sampler:	Zach Comi	ou	NB ¹	1 280	022	1.,0		tues			PM
	LAC	Othe	-	1	On Ice:	X Yes	D No)8/s	.ro	N		(A	9 3 C		
	I (I ype			1	# of Coolers	:2 5.0	+0250	BE	ə p	01	slsi eO3			ou		
					Cooler Tem	p(including CF): 3.	5+0235	TM MTI	ioite	83	Me ^t M	(AC	'-ime	ЭМ		
Date	Time	Matrix	Sample N	ame	Container Type and #	Preservativ Type	HEAL No.	PH:80	94 180	(d sHA	свА 8 1, F, B	0A) 092	e2) 079	hloride	_	_
03172	9460 2	5	BH-67		Jar		100000	a S J S	8	Ы	с И	28	28	0		
	5460	-	BM-68				2	5	+	1	+		+	X		+
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	2360		RU. TD				603		+		-		-			_
	1000		B(A, 71		-		had				-		_			
	2007	-	D11 -17				2005								_	
	0001	_	71,10				006						_			
	(02)		BA-75				202		-		-		-			
-	01.01	_	1-74				508		\vdash		-		-			
-	(101)		BH-75				609		-		-	\square	-			
-	(15.0)	_	BH-76				50010		-		-		-			
	5501		BH-77				011		\vdash		-	+	-			
~	0011	~	BH-78		>		012	5 1	+		-	1	-	-	+	-
Date:	1600	Relinquish	Ulemens Millin	1 Clm)	Received by:	Via:	Shalon Date Time	Rem	arks: Pl	ease el	nail: C	hase_	Settle(@eogre	sources.co	- :"mo
Date	Time:	Relinquishe	ed by:	,	Received by:	Via:	Date Time		ĺ	Matt	hew.La	aughlin	@ghd	.com;	dia.com	
ed lop	1900	all	win		Che a	ourier ?	3/22/20 0715	Ar	nber_G	riffin@	eogres Haskel	ources I listed	above	Along	with Becky	Page 3
	If necessary	y, samples sub,	mitted to Hall Environmen	ital may be subc	contracted to other a	ccredited laboratori	ies. This serves as notice of th	is possibility. A	ny sub-co	Itracted da	ta will be	clearly no	Chase otated or	Settle the analy	tical report.	T 3 of
																544

	Chai	n-of-CI	ustody Record	Turn-Ároun	d Time:	<		-		N	lo	(~)	0		
Client	:: GHD			Standar	d D Rush	S-New			IAL		IN	RO -	NME	NTAL	
				Project Nan	le:	1		3			N		ORA	TOR	>
Mailin	g Addre.	SS:		Yotes A	5 Fee Bat	tow	490	i Hawki	WWW.h	allenvir	onmer	ital.co	E		
324 M	V. Main S	St. Suite 10	08, Artesia NM 88210	Project #:				505.34	2074		duerqu	le, NN	18/109		
Phone	:#:	(505)37	7-4218	11228	0		D	+0-000 ·	180-0	Analys	te Bere	-945-	107		
email	or Fax#:	Becky.H	laskeli@ghd.com	Project Man	ader:		4		-	4		(
QAVQC	Packag	œ.		Becky Hask	ell		NBO	s,e	SI	0S ''	,	tuəs			
□ Sta	Indard		Level 4 (Full Validation)	Tom Larson			8) s	ЬСЕ	NIS	bO		dAV			
	ditation: LAC	D Az Cc	ompliance	Sampler:	Zach Comino		amt Ag l	(1.4	0728	' ^z ON	-	uəsə	605		
	D (Tvpe)			4 of Coloro	A res	- NO	во 1	209 3/Se	ls) or	3'	(AC	rq)	00		
				Cooler Temp	0(Including CF): 35	10 5.0 +05 35	1 18TN 5)06	ticid	Meta Meta	ON	(∀ (∀	mio'	UIƏI/		
Date	Time	Matrix	Sample Name	Container Tvpe and #	Preservative	HEAL No.	1 2108:H3	es9 18(vd sH/	, F, Br,	0V) 00	tiloD list			1
031722	1105	5	64-79	Ĭar		22031334	8	13 18(ы В(10	78	oT	12	+	1
	1110		814-80	-		213	X		+	+	-	7			1
-	1115		B/1.81			11		+	+		-				1
-	1130		28-48			210		+	-		_	1			
	1135		84-83			00		+	-			+		+	1
-	1140		BH-84			910		1	-						
-	1145		BM-25			010		-	-	+	-	+		+	T
-	1150		91-86			720			+	+	1		+		T
	1155		BM-87			1.20			+	-			+		T
	1200		BM-86			220			-				+		T
	1205		BM-89			172			+		1	Ŧ	+		T
ę	iz(D	>	811-90	>		224	4 4	+	-	+	T	-			T
Date:	Time:	Relinquishe	ed by:	Received by:	Via:	Date Time	Remar	Ks: Pleas	se ems	il: Cha					T
03/821	16. PD	11/PPH	Ulmans	OWAAAA	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	3/14 30	F	om.Lars	on@gh	d.com;	Zach.	Comin	o@ghd.c	om om	
Date:	Time:	Relinquishe	d by:	Received by:	Via:	Date Time	Amt	Der Griff	Matthe in@eo	w.Laug	hlin@	ghd.co	m; 		
100	60	acr	2	one a	wher 3	120/20/215			с Ч С Г	skell lis	sted ab	NOVE.		secky	-
	lf necessary	y, samples subr.	nitted to Hall Environmental may be subo	contracted to other ad	ccredited laboratories.	This serves as notice of th	s possibility. Any	sub-contrac	Hrect B sted data	will be clear	DO Oh	ed on the	ettle analytical rep	bort.	1

Page 314 of 544-

Received by OCD: 5/27/2022 2:56:23 PM

Chai	in-of-C	ustody Record	Turn-Around Time:						M	0	~	3			
Client: GHD			Standard R			η	I	ALL	E	AILV	Q	MN		AIN'	
			Project Name:	United and the second		П	AP	IAL	٧SI	S	AB	NO NO	ATA	SR.	
Mailing Addre	ess:		Yates AS Ere 1	Sother O]	1	M	w.hall	enviro	nment	al.co	E			
324 W. Main	St. Suite 1	08, Artesia NM 88210	Project #:	62100	4	901 Ha	wkins	' =N	Albug	nerqu	e, NN	18710	0		
Phone #:	(505)3	77-4218	1228401			el. 505	-345-	3975	Fax	505-	345-4	107			
email or Fax#	t: Becky.	Haskell@ghd.com	Project Manager			t	-	Ai	alysis	s Requ	lest				
QA/QC Packag	je:		Becky Haskell		SD)	S	\$		⁺OS	•	(ìue	_		-	
□ Standard		Level 4 (Full Validation)	Tom Larson		08) s	CB	SMIS		'*O		əsdA			-	
Accreditation:	D Az C	ompliance "r	Sampler: Zach Con	ino 	Y DRC	4 280	852703		d '201		/Juase	(00		_	
EDD (Type	(1)		# of Coolers: 7 5/	I NO	E/	8/sə	10 (s	3' 1	(AC	e he	c pc			
			Cooler Temp(including CF):	8.540=35	NTBI	ticid	8310	Veta		DV-in	ulo the				
Date Time	Motrix.		Container Preservati	Ve HEAL NO	A \ X:	səq I	s ph	18 A	'ON)	n92)	Colif	1 001			
031711 1715	MIGUIX	valuple name	Type and # Type	2203339	H9TE	808	HAG	ACR ACR	3260	022	leto	101114			1
C121-22/104		0/1-71	Jar	025	90			1	8	8	1		+	-	T
BAT 17281CM		5W-11		026		+		+	+	\uparrow	7		+	1	T
1205	-	54-12		202		+		+	-	\uparrow	+	_	+		1
1210	_	SW-13		110		+		+	-	1	-		-		
1215		5W-14		000		+		+		+	-		-		
1220		5.2-15		064		+		-			-				-
(225		5W-16		030		+		-			_		-		
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Date: Time:	Relinquishe	d bv:			1	+		+	T	+	+	T	+		Т
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31/20 190	Relinquishe		eceived by: Via:	Date Time	Ап	ber_G	Mati iffin@	hew.L	aughli	n@gh s.com	d.cor	n; ng with	.com Becky		
If necessary,	samples subr	litted to Hall Environmental may be subcont	tracted to other accredited laborator	1221ra 0715			Direc	Haske	Il liste	d abov	.e.				_
					ssibility. An	y sub-con	tracted d	ata will b	e clearly	notated o	on the a	nalytical	eport.		1

Received by OCD: 5/27/2022 2:56:23 PM



April 05, 2022

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

RE: Yates Fee AS Battery

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

OrderNo.: 2203C72

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 29 sample(s) on 3/24/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-92	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	21/2022 10:00:00 AM	
Lab ID:	2203C72-001	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		2100	61	mg/Kg	20	3/28/2022 10:05:15 PM	66450
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	140	10	mg/Kg	1	3/25/2022 3:37:21 PM	66387
Motor Oi	il Range Organics (MRO)	180	50	mg/Kg	1	3/25/2022 3:37:21 PM	66387
Surr: I	DNOP	94.9	51.1-141	%Rec	1	3/25/2022 3:37:21 PM	66387
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/25/2022 9:38:28 PM	66382
Surr: I	BFB	106	37.7-212	%Rec	1	3/25/2022 9:38:28 PM	66382
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/25/2022 9:38:28 PM	66382
Toluene		ND	0.048	mg/Kg	1	3/25/2022 9:38:28 PM	66382
Ethylben	izene	ND	0.048	mg/Kg	1	3/25/2022 9:38:28 PM	66382
Xylenes,	, Total	ND	0.095	mg/Kg	1	3/25/2022 9:38:28 PM	66382
Surr: 4	4-Bromofluorobenzene	95.6	70-130	%Rec	1	3/25/2022 9:38:28 PM	66382

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

Qualifiers:

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

Page 1 of 36

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-93	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	21/2022 10:05:00 AM	
Lab ID:	2203C72-002	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	MRA
Chloride		2600	150	mg/Kg	50	3/29/2022 2:57:07 PM	66450
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	220	9.9	mg/Kg	1	3/25/2022 4:51:10 PM	66387
Motor Oi	il Range Organics (MRO)	230	49	mg/Kg	1	3/25/2022 4:51:10 PM	66387
Surr: [DNOP	88.6	51.1-141	%Rec	1	3/25/2022 4:51:10 PM	66387
ЕРА МЕТ	THOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/25/2022 10:48:58 PM	66382
Surr: E	BFB	101	37.7-212	%Rec	1	3/25/2022 10:48:58 PM	66382
ЕРА МЕТ	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/25/2022 10:48:58 PM	66382
Toluene		ND	0.047	mg/Kg	1	3/25/2022 10:48:58 PM	66382
Ethylben	izene	ND	0.047	mg/Kg	1	3/25/2022 10:48:58 PM	66382
Xylenes,	Total	ND	0.094	mg/Kg	1	3/25/2022 10:48:58 PM	66382
Surr: 4	4-Bromofluorobenzene	91.8	70-130	%Rec	1	3/25/2022 10:48:58 PM	66382

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-94	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	21/2022 10:15:00 AM	
Lab ID:	2203C72-003	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		1300	60	mg/Kg	20	3/28/2022 10:54:40 PM	66450
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	110	9.3	mg/Kg	1	3/25/2022 5:15:39 PM	66387
Motor Oi	I Range Organics (MRO)	160	47	mg/Kg	1	3/25/2022 5:15:39 PM	66387
Surr: [ONOP	81.0	51.1-141	%Rec	1	3/25/2022 5:15:39 PM	66387
ЕРА МЕТ	HOD 8015D: GASOLINE RANGE	E				Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	3/25/2022 11:59:34 PM	66382
Surr: E	3FB	105	37.7-212	%Rec	1	3/25/2022 11:59:34 PM	66382
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/25/2022 11:59:34 PM	66382
Toluene		ND	0.047	mg/Kg	1	3/25/2022 11:59:34 PM	66382
Ethylben	zene	ND	0.047	mg/Kg	1	3/25/2022 11:59:34 PM	66382
Xylenes,	Total	ND	0.094	mg/Kg	1	3/25/2022 11:59:34 PM	66382
Surr: 4	4-Bromofluorobenzene	94.3	70-130	%Rec	1	3/25/2022 11:59:34 PM	66382

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	CLIENT: GHD Midland Client Sample ID: BH-95								
Project:	Yates Fee AS Battery	Collection Date: 3/21/2022 10:20:00 A							
Lab ID:	2203C72-004	Matrix: SOIL	Matrix: SOIL Received Date: 3/24/2022 7:30:00 AM						
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS						Analyst	LRN	
Chloride		560	60		mg/Kg	20	3/28/2022 11:31:42 PM	66450	
EPA METHOD 8015M/D: DIESEL RANGE		NGE ORGANICS					Analyst	ED	
Diesel R	ange Organics (DRO)	3700	99		mg/Kg	10	3/28/2022 2:41:08 PM	66387	
Motor Oil Range Organics (MRO)		2400	500		mg/Kg	10	3/28/2022 2:41:08 PM	66387	
Surr: [DNOP	0	51.1-141	S	%Rec	10	3/28/2022 2:41:08 PM	66387	
ЕРА МЕТ	HOD 8015D: GASOLINE RA	NGE					Analyst	: NSB	
Gasoline	Range Organics (GRO)	ND	24		mg/Kg	5	3/26/2022 12:23:02 AM	66382	
Surr: E	BFB	109	37.7-212		%Rec	5	3/26/2022 12:23:02 AM	66382	
EPA METHOD 8021B: VOLATILES							Analyst	: NSB	
Benzene		ND	0.12		mg/Kg	5	3/26/2022 12:23:02 AM	66382	
Toluene		ND	0.24		mg/Kg	5	3/26/2022 12:23:02 AM	66382	
Ethylben	zene	ND	0.24		mg/Kg	5	3/26/2022 12:23:02 AM	66382	
Xylenes,	Total	ND	0.48		mg/Kg	5	3/26/2022 12:23:02 AM	66382	
Surr: 4	4-Bromofluorobenzene	95.7	70-130		%Rec	5	3/26/2022 12:23:02 AM	66382	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-96				
Project: Yates Fee AS Battery Collect						ection Date: 3/21/2022 10:25:00 AM				
Lab ID:	2203C72-005	Matrix: SOIL Received Date: 3/24/2022 7:30:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		430	61	mg/Kg	20	3/28/2022 11:44:02 PM	66450			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	3/25/2022 11:38:40 AM	66387			
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/25/2022 11:38:40 AM	66387			
Surr: I	DNOP	77.8	51.1-141	%Rec	1	3/25/2022 11:38:40 AM	66387			
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/26/2022 12:46:34 AM	66382			
Surr: I	BFB	105	37.7-212	%Rec	1	3/26/2022 12:46:34 AM	66382			
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB			
Benzene	9	ND	0.024	mg/Kg	1	3/26/2022 12:46:34 AM	66382			
Toluene		ND	0.049	mg/Kg	1	3/26/2022 12:46:34 AM	66382			
Ethylben	izene	ND	0.049	mg/Kg	1	3/26/2022 12:46:34 AM	66382			
Xylenes,	Total	ND	0.098	mg/Kg	1	3/26/2022 12:46:34 AM	66382			
Surr: 4	4-Bromofluorobenzene	99.4	70-130	%Rec	1	3/26/2022 12:46:34 AM	66382			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-97						
Project: Yates Fee AS Battery Collection Date: 3/21/2						21/2022 10:30:00 AM		
Lab ID:	2203C72-006	Matrix: SOIL Received Date: 3/24/2022 7:30:00 AM						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst	LRN	
Chloride		480	60	mg/Kg	20	3/28/2022 11:56:24 PM	66450	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED	
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/25/2022 12:02:49 PM	66387	
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/25/2022 12:02:49 PM	66387	
Surr: I	DNOP	83.6	51.1-141	%Rec	1	3/25/2022 12:02:49 PM	66387	
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB	
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/26/2022 1:10:04 AM	66382	
Surr: I	BFB	111	37.7-212	%Rec	1	3/26/2022 1:10:04 AM	66382	
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB	
Benzene)	ND	0.024	mg/Kg	1	3/26/2022 1:10:04 AM	66382	
Toluene		ND	0.048	mg/Kg	1	3/26/2022 1:10:04 AM	66382	
Ethylben	izene	ND	0.048	mg/Kg	1	3/26/2022 1:10:04 AM	66382	
Xylenes,	Total	ND	0.096	mg/Kg	1	3/26/2022 1:10:04 AM	66382	
Surr: 4	4-Bromofluorobenzene	99.8	70-130	%Rec	1	3/26/2022 1:10:04 AM	66382	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-98								
Project:	Yates Fee AS Battery	Collection Date: 3/21/2022 10:35:00 AM								
Lab ID:	2203C72-007	Matrix: SOIL Received Date: 3/24/2022 7:30:00 AN								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		320	60	mg/Kg	20	3/29/2022 12:08:45 AM	66450			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	3/25/2022 6:29:19 PM	66387			
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	3/25/2022 6:29:19 PM	66387			
Surr: I	DNOP	98.0	51.1-141	%Rec	1	3/25/2022 6:29:19 PM	66387			
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	NSB			
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	3/26/2022 1:33:34 AM	66382			
Surr: I	BFB	106	37.7-212	%Rec	1	3/26/2022 1:33:34 AM	66382			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.025	mg/Kg	1	3/26/2022 1:33:34 AM	66382			
Toluene		ND	0.050	mg/Kg	1	3/26/2022 1:33:34 AM	66382			
Ethylben	izene	ND	0.050	mg/Kg	1	3/26/2022 1:33:34 AM	66382			
Xylenes,	Total	ND	0.10	mg/Kg	1	3/26/2022 1:33:34 AM	66382			
Surr: 4	4-Bromofluorobenzene	94.8	70-130	%Rec	1	3/26/2022 1:33:34 AM	66382			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-99								
Project:	Yates Fee AS Battery	Collection Date: 3/21/2022 10:40:00 AM								
Lab ID:	2203C72-008	Matrix: SOIL Received Date: 3/24/2022 7:30:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analyst	: LRN			
Chloride		1900	60	mg/Kg	20	3/29/2022 12:21:05 AM	66450			
EPA ME	THOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	ED:			
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	3/25/2022 6:53:48 PM	66387			
Motor Oil Range Organics (MRO)		ND	49	mg/Kg	1	3/25/2022 6:53:48 PM	66387			
Surr:	DNOP	87.8	51.1-141	%Rec	1	3/25/2022 6:53:48 PM	66387			
EPA ME	THOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/26/2022 1:56:55 AM	66382			
Surr:	BFB	119	37.7-212	%Rec	1	3/26/2022 1:56:55 AM	66382			
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.024	mg/Kg	1	3/26/2022 1:56:55 AM	66382			
Toluene		ND	0.048	mg/Kg	1	3/26/2022 1:56:55 AM	66382			
Ethylber	izene	ND	0.048	mg/Kg	1	3/26/2022 1:56:55 AM	66382			
Xylenes,	, Total	ND	0.095	mg/Kg	1	3/26/2022 1:56:55 AM	66382			
Surr: 4	4-Bromofluorobenzene	99.5	70-130	%Rec	1	3/26/2022 1:56:55 AM	66382			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-100				
Project:	Yates Fee AS Battery	Collection Date: 3/21/2022 10:45:00 AM								
Lab ID:	2203C72-009	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	LRN			
Chloride		1500	60	mg/Kg	20	3/29/2022 12:33:26 AM	66450			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel Ra	ange Organics (DRO)	13	9.1	mg/Kg	1	3/25/2022 7:18:21 PM	66387			
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	3/25/2022 7:18:21 PM	66387			
Surr: E	DNOP	92.6	51.1-141	%Rec	1	3/25/2022 7:18:21 PM	66387			
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/26/2022 3:30:57 AM	66382			
Surr: E	3FB	106	37.7-212	%Rec	1	3/26/2022 3:30:57 AM	66382			
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB			
Benzene		ND	0.024	mg/Kg	1	3/26/2022 3:30:57 AM	66382			
Toluene		ND	0.048	mg/Kg	1	3/26/2022 3:30:57 AM	66382			
Ethylben	zene	ND	0.048	mg/Kg	1	3/26/2022 3:30:57 AM	66382			
Xylenes,	Total	ND	0.096	mg/Kg	1	3/26/2022 3:30:57 AM	66382			
Surr: 4	1-Bromofluorobenzene	96.2	70-130	%Rec	1	3/26/2022 3:30:57 AM	66382			

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-101	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 10:00:00 AM	
Lab ID:	2203C72-010	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1200	59	mg/Kg	20	3/29/2022 1:10:28 AM	66450
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	9.4	9.3	mg/Kg	1	3/25/2022 7:42:48 PM	66387
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	3/25/2022 7:42:48 PM	66387
Surr: [DNOP	87.0	51.1-141	%Rec	1	3/25/2022 7:42:48 PM	66387
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/26/2022 3:54:24 AM	66382
Surr: E	BFB	108	37.7-212	%Rec	1	3/26/2022 3:54:24 AM	66382
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.025	mg/Kg	1	3/26/2022 3:54:24 AM	66382
Toluene		ND	0.049	mg/Kg	1	3/26/2022 3:54:24 AM	66382
Ethylben	izene	ND	0.049	mg/Kg	1	3/26/2022 3:54:24 AM	66382
Xylenes,	Total	ND	0.098	mg/Kg	1	3/26/2022 3:54:24 AM	66382
Surr: 4	4-Bromofluorobenzene	97.8	70-130	%Rec	1	3/26/2022 3:54:24 AM	66382

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		CI	ient Sample II): BF	H-102	
Project.	Vates Fee AS Battery		(Collection Date	o• 3/7	2/2022 10:05:00 AM	
Lab ID:	2203C72-011	Matrix: SOIL	·	Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		1700	60	mg/Kg	20	3/29/2022 1:22:48 AM	66450
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	12	9.9	mg/Kg	1	3/25/2022 8:07:13 PM	66387
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/25/2022 8:07:13 PM	66387
Surr: [ONOP	91.0	51.1-141	%Rec	1	3/25/2022 8:07:13 PM	66387
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/26/2022 4:17:54 AM	66382
Surr: E	3FB	108	37.7-212	%Rec	1	3/26/2022 4:17:54 AM	66382
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	3/26/2022 4:17:54 AM	66382
Toluene		ND	0.048	mg/Kg	1	3/26/2022 4:17:54 AM	66382
Ethylben	zene	ND	0.048	mg/Kg	1	3/26/2022 4:17:54 AM	66382
Xylenes,	Total	ND	0.096	mg/Kg	1	3/26/2022 4:17:54 AM	66382
Surr: 4	4-Bromofluorobenzene	97.2	70-130	%Rec	1	3/26/2022 4:17:54 AM	66382

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

				• • • • • • •		1 102	
CLIENT:	GHD Midland		CI	ient Sample II): BF	1-103	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	22/2022 10:10:00 AM	
Lab ID:	2203C72-012	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		1200	60	mg/Kg	20	3/29/2022 1:59:50 AM	66450
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	25	10	mg/Kg	1	3/25/2022 8:31:31 PM	66387
Motor Oi	I Range Organics (MRO)	51	50	mg/Kg	1	3/25/2022 8:31:31 PM	66387
Surr: [DNOP	88.9	51.1-141	%Rec	1	3/25/2022 8:31:31 PM	66387
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/26/2022 4:41:24 AM	66382
Surr: E	3FB	104	37.7-212	%Rec	1	3/26/2022 4:41:24 AM	66382
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/26/2022 4:41:24 AM	66382
Toluene		ND	0.048	mg/Kg	1	3/26/2022 4:41:24 AM	66382
Ethylben	zene	ND	0.048	mg/Kg	1	3/26/2022 4:41:24 AM	66382
Xylenes,	Total	ND	0.096	mg/Kg	1	3/26/2022 4:41:24 AM	66382
Surr: 4	4-Bromofluorobenzene	94.8	70-130	%Rec	1	3/26/2022 4:41:24 AM	66382

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-104	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 10:15:00 AM	
Lab ID:	2203C72-013	Matrix: SOIL		Received Dat	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		2100	60	mg/Kg	20	3/29/2022 2:12:12 AM	66450
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	68	9.8	mg/Kg	1	3/25/2022 8:56:01 PM	66387
Motor Oi	I Range Organics (MRO)	100	49	mg/Kg	1	3/25/2022 8:56:01 PM	66387
Surr: [DNOP	95.5	51.1-141	%Rec	1	3/25/2022 8:56:01 PM	66387
ЕРА МЕТ	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/26/2022 5:04:54 AM	66382
Surr: E	BFB	107	37.7-212	%Rec	1	3/26/2022 5:04:54 AM	66382
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene)	ND	0.024	mg/Kg	1	3/26/2022 5:04:54 AM	66382
Toluene		ND	0.048	mg/Kg	1	3/26/2022 5:04:54 AM	66382
Ethylben	izene	ND	0.048	mg/Kg	1	3/26/2022 5:04:54 AM	66382
Xylenes,	Total	ND	0.096	mg/Kg	1	3/26/2022 5:04:54 AM	66382
Surr: 4	4-Bromofluorobenzene	96.0	70-130	%Rec	1	3/26/2022 5:04:54 AM	66382

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CI IENT.	CHD Midland		CI	iont Somnlo II). DI	J 105				
			CI	ient Sample II	J . DI	1-103				
Project:	Yates Fee AS Battery	Collection Date: 3/22/2022 10:20:00 AM								
Lab ID:	2203C72-014	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	LRN			
Chloride		1700	60	mg/Kg	20	3/29/2022 2:24:33 AM	66450			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel Ra	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/25/2022 9:44:37 PM	66387			
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	3/25/2022 9:44:37 PM	66387			
Surr: [DNOP	91.6	51.1-141	%Rec	1	3/25/2022 9:44:37 PM	66387			
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	3/26/2022 5:28:23 AM	66382			
Surr: E	3FB	111	37.7-212	%Rec	1	3/26/2022 5:28:23 AM	66382			
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB			
Benzene		ND	0.025	mg/Kg	1	3/26/2022 5:28:23 AM	66382			
Toluene		ND	0.050	mg/Kg	1	3/26/2022 5:28:23 AM	66382			
Ethylben	zene	ND	0.050	mg/Kg	1	3/26/2022 5:28:23 AM	66382			
Xylenes,	Total	ND	0.099	mg/Kg	1	3/26/2022 5:28:23 AM	66382			
Surr: 4	4-Bromofluorobenzene	99.2	70-130	%Rec	1	3/26/2022 5:28:23 AM	66382			

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

Qualifiers:

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

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Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-106	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 10:25:00 AM	
Lab ID:	2203C72-015	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		220	60	mg/Kg	20	3/29/2022 2:36:54 AM	66450
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	99	10	mg/Kg	1	3/25/2022 10:08:57 PM	66387
Motor Oi	I Range Organics (MRO)	150	50	mg/Kg	1	3/25/2022 10:08:57 PM	66387
Surr: [DNOP	96.1	51.1-141	%Rec	1	3/25/2022 10:08:57 PM	66387
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	3/26/2022 5:51:47 AM	66382
Surr: E	3FB	107	37.7-212	%Rec	1	3/26/2022 5:51:47 AM	66382
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.025	mg/Kg	1	3/26/2022 5:51:47 AM	66382
Toluene		ND	0.049	mg/Kg	1	3/26/2022 5:51:47 AM	66382
Ethylben	zene	ND	0.049	mg/Kg	1	3/26/2022 5:51:47 AM	66382
Xylenes,	Total	ND	0.098	mg/Kg	1	3/26/2022 5:51:47 AM	66382
Surr: 4	1-Bromofluorobenzene	96.5	70-130	%Rec	1	3/26/2022 5:51:47 AM	66382

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

Qualifiers:

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

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Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	[-107	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	2/2022 10:30:00 AM	
Lab ID:	2203C72-016	Matrix: SOIL		Received Date	e: 3/2	4/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	CAS
Chloride		5300	300	mg/Kg	100	3/31/2022 11:04:39 AM	66497
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	68	9.8	mg/Kg	1	3/25/2022 10:57:36 PM	66387
Motor Oi	il Range Organics (MRO)	67	49	mg/Kg	1	3/25/2022 10:57:36 PM	66387
Surr: I	DNOP	96.1	51.1-141	%Rec	1	3/25/2022 10:57:36 PM	66387
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/26/2022 6:15:11 AM	66382
Surr: I	BFB	107	37.7-212	%Rec	1	3/26/2022 6:15:11 AM	66382
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.024	mg/Kg	1	3/26/2022 6:15:11 AM	66382
Toluene		ND	0.048	mg/Kg	1	3/26/2022 6:15:11 AM	66382
Ethylben	izene	ND	0.048	mg/Kg	1	3/26/2022 6:15:11 AM	66382
Xylenes,	Total	ND	0.095	mg/Kg	1	3/26/2022 6:15:11 AM	66382
Surr: 4	4-Bromofluorobenzene	94.9	70-130	%Rec	1	3/26/2022 6:15:11 AM	66382

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

Qualifiers:

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

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Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BI	H-108	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 10:35:00 AM	
Lab ID:	2203C72-017	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride		140	60	mg/Kg	20	3/30/2022 11:08:06 AM	66497
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	12	9.3	mg/Kg	1	3/25/2022 11:21:49 PM	66387
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	3/25/2022 11:21:49 PM	66387
Surr: [ONOP	89.8	51.1-141	%Rec	1	3/25/2022 11:21:49 PM	66387
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	3/26/2022 6:38:35 AM	66382
Surr: E	3FB	108	37.7-212	%Rec	1	3/26/2022 6:38:35 AM	66382
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	3/26/2022 6:38:35 AM	66382
Toluene		ND	0.047	mg/Kg	1	3/26/2022 6:38:35 AM	66382
Ethylben	zene	ND	0.047	mg/Kg	1	3/26/2022 6:38:35 AM	66382
Xylenes,	Total	ND	0.095	mg/Kg	1	3/26/2022 6:38:35 AM	66382
Surr: 4	4-Bromofluorobenzene	96.9	70-130	%Rec	1	3/26/2022 6:38:35 AM	66382

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	H-109	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	22/2022 10:40:00 AM	
Lab ID:	2203C72-018	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst:	CAS
Chloride		5200	150	mg/Kg	50	3/31/2022 11:17:03 AM	66497
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	ED
Diesel Ra	ange Organics (DRO)	27	9.5	mg/Kg	1	3/25/2022 11:46:02 PM	66387
Motor Oil	I Range Organics (MRO)	ND	47	mg/Kg	1	3/25/2022 11:46:02 PM	66387
Surr: E	DNOP	90.9	51.1-141	%Rec	1	3/25/2022 11:46:02 PM	66387
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/25/2022 2:12:19 PM	66386
Surr: E	3FB	107	37.7-212	%Rec	1	3/25/2022 2:12:19 PM	66386
EPA MET	HOD 8021B: VOLATILES					Analyst:	NSB
Benzene		ND	0.024	mg/Kg	1	3/25/2022 2:12:19 PM	66386
Toluene		ND	0.048	mg/Kg	1	3/25/2022 2:12:19 PM	66386
Ethylben	zene	ND	0.048	mg/Kg	1	3/25/2022 2:12:19 PM	66386
Xylenes,	Total	ND	0.097	mg/Kg	1	3/25/2022 2:12:19 PM	66386
Surr: 4	1-Bromofluorobenzene	97.8	70-130	%Rec	1	3/25/2022 2:12:19 PM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	H-110	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	22/2022 10:42:00 AM	
Lab ID:	2203C72-019	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	ЈМТ
Chloride		77	60	mg/Kg	20	3/30/2022 11:32:56 AM	66497
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	3/26/2022 12:10:18 AM	66387
Motor Oi	il Range Organics (MRO)	ND	47	mg/Kg	1	3/26/2022 12:10:18 AM	66387
Surr: I	DNOP	76.6	51.1-141	%Rec	1	3/26/2022 12:10:18 AM	66387
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/25/2022 3:22:42 PM	66386
Surr: I	BFB	108	37.7-212	%Rec	1	3/25/2022 3:22:42 PM	66386
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB
Benzene	9	ND	0.025	mg/Kg	1	3/25/2022 3:22:42 PM	66386
Toluene		ND	0.049	mg/Kg	1	3/25/2022 3:22:42 PM	66386
Ethylben	izene	ND	0.049	mg/Kg	1	3/25/2022 3:22:42 PM	66386
Xylenes,	, Total	ND	0.099	mg/Kg	1	3/25/2022 3:22:42 PM	66386
Surr: 4	4-Bromofluorobenzene	99.8	70-130	%Rec	1	3/25/2022 3:22:42 PM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-111	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	22/2022 10:45:00 AM	
Lab ID:	2203C72-020	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst:	CAS
Chloride		3900	150	mg/Kg	50	3/31/2022 11:29:28 AM	66497
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	ED
Diesel Ra	ange Organics (DRO)	77	9.2	mg/Kg	1	3/26/2022 12:34:25 AM	66387
Motor Oil	I Range Organics (MRO)	64	46	mg/Kg	1	3/26/2022 12:34:25 AM	66387
Surr: E	DNOP	93.9	51.1-141	%Rec	1	3/26/2022 12:34:25 AM	66387
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/25/2022 4:33:06 PM	66386
Surr: E	3FB	107	37.7-212	%Rec	1	3/25/2022 4:33:06 PM	66386
EPA MET	HOD 8021B: VOLATILES					Analyst:	NSB
Benzene		ND	0.024	mg/Kg	1	3/25/2022 4:33:06 PM	66386
Toluene		ND	0.048	mg/Kg	1	3/25/2022 4:33:06 PM	66386
Ethylben	zene	ND	0.048	mg/Kg	1	3/25/2022 4:33:06 PM	66386
Xylenes,	Total	ND	0.096	mg/Kg	1	3/25/2022 4:33:06 PM	66386
Surr: 4	1-Bromofluorobenzene	96.7	70-130	%Rec	1	3/25/2022 4:33:06 PM	66386

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

Qualifiers:

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

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Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-112							
Project:	Yates Fee AS Battery	Collection Date: 3/22/2022 10:50:00 AM							
Lab ID:	2203C72-021	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	ЈМТ		
Chloride		1200	60	mg/Kg	20	3/30/2022 12:22:35 PM	66497		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel R	ange Organics (DRO)	340	9.7	mg/Kg	1	3/28/2022 2:22:51 PM	66391		
Motor Oi	I Range Organics (MRO)	240	48	mg/Kg	1	3/28/2022 2:22:51 PM	66391		
Surr: [ONOP	96.5	51.1-141	%Rec	1	3/28/2022 2:22:51 PM	66391		
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	3/25/2022 4:56:36 PM	66386		
Surr: E	3FB	106	37.7-212	%Rec	1	3/25/2022 4:56:36 PM	66386		
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB		
Benzene		ND	0.024	mg/Kg	1	3/25/2022 4:56:36 PM	66386		
Toluene		ND	0.047	mg/Kg	1	3/25/2022 4:56:36 PM	66386		
Ethylben	zene	ND	0.047	mg/Kg	1	3/25/2022 4:56:36 PM	66386		
Xylenes,	Total	ND	0.094	mg/Kg	1	3/25/2022 4:56:36 PM	66386		
Surr: 4	4-Bromofluorobenzene	91.6	70-130	%Rec	1	3/25/2022 4:56:36 PM	66386		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-113							
Project:	Yates Fee AS Battery		(Collection Date: 3/22/2022 10:55:00 AM					
Lab ID:	2203C72-022	Matrix: SOIL		Recei	ved Dat	e: 3/2	24/2022 7:30:00 AM		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS						Analyst	: JMT	
Chloride		2400	60		mg/Kg	20	3/30/2022 3:53:35 PM	66497	
EPA MET	THOD 8015M/D: DIESEL RAN	IGE ORGANICS					Analyst	SB	
Diesel R	ange Organics (DRO)	2700	190		mg/Kg	20	3/25/2022 12:58:17 PM	66391	
Motor Oi	I Range Organics (MRO)	1500	960		mg/Kg	20	3/25/2022 12:58:17 PM	66391	
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/25/2022 12:58:17 PM	66391	
EPA MET	THOD 8015D: GASOLINE RA	NGE					Analyst	: NSB	
Gasoline	e Range Organics (GRO)	ND	24		mg/Kg	5	3/26/2022 9:46:27 AM	66386	
Surr: I	BFB	108	37.7-212		%Rec	5	3/26/2022 9:46:27 AM	66386	
EPA MET	THOD 8021B: VOLATILES						Analyst	: NSB	
Benzene	9	ND	0.12		mg/Kg	5	3/26/2022 9:46:27 AM	66386	
Toluene		ND	0.24		mg/Kg	5	3/26/2022 9:46:27 AM	66386	
Ethylben	izene	ND	0.24		mg/Kg	5	3/26/2022 9:46:27 AM	66386	
Xylenes, Total		ND	0.48		mg/Kg	5	3/26/2022 9:46:27 AM	66386	
Surr: 4	4-Bromofluorobenzene	93.6	70-130		%Rec	5	3/26/2022 9:46:27 AM	66386	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-114								
Project:	Yates Fee AS Battery	Collection Date: 3/22/2022 11:00:00 AM								
Lab ID:	2203C72-023	Matrix: SOIL Received Date: 3/24/2022 7:30:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: JMT			
Chloride		1500	60	mg/Kg	20	3/30/2022 4:06:00 PM	66497			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB			
Diesel R	ange Organics (DRO)	540	48	mg/Kg	5	3/28/2022 4:10:27 PM	66391			
Motor Oi	il Range Organics (MRO)	530	240	mg/Kg	5	3/28/2022 4:10:27 PM	66391			
Surr: I	DNOP	62.9	51.1-141	%Rec	5	3/28/2022 4:10:27 PM	66391			
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	24	mg/Kg	5	3/25/2022 10:40:06 AN	66386			
Surr: I	BFB	113	37.7-212	%Rec	5	3/25/2022 10:40:06 AN	66386			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	9	ND	0.12	mg/Kg	5	3/25/2022 10:40:06 AN	66386			
Toluene		ND	0.24	mg/Kg	5	3/25/2022 10:40:06 AN	66386			
Ethylben	izene	ND	0.24	mg/Kg	5	3/25/2022 10:40:06 AN	66386			
Xylenes,	, Total	ND	0.48	mg/Kg	5	3/25/2022 10:40:06 AN	66386			
Surr: 4	4-Bromofluorobenzene	98.5	70-130	%Rec	5	3/25/2022 10:40:06 AM	66386			

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-115							
Project:	Yates Fee AS Battery	Collection Date: 3/22/2022 11:05:00 AM							
Lab ID:	2203C72-024	Matrix: SOIL	Received Date: 3/24/2022 7:30:00 AM						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	јмт		
Chloride		1800	60	mg/Kg	20	3/30/2022 4:18:25 PM	66497		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Ra	ange Organics (DRO)	170	9.6	mg/Kg	1	3/28/2022 3:16:57 PM	66391		
Motor Oi	I Range Organics (MRO)	120	48	mg/Kg	1	3/28/2022 3:16:57 PM	66391		
Surr: [DNOP	88.5	51.1-141	%Rec	1	3/28/2022 3:16:57 PM	66391		
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	NSB		
Gasoline	Range Organics (GRO)	ND	24	mg/Kg	5	3/25/2022 11:04:12 AM	66386		
Surr: E	3FB	115	37.7-212	%Rec	5	3/25/2022 11:04:12 AM	66386		
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB		
Benzene		ND	0.12	mg/Kg	5	3/25/2022 11:04:12 AM	66386		
Toluene		ND	0.24	mg/Kg	5	3/25/2022 11:04:12 AM	66386		
Ethylben	zene	ND	0.24	mg/Kg	5	3/25/2022 11:04:12 AM	66386		
Xylenes,	Total	ND	0.48	mg/Kg	5	3/25/2022 11:04:12 AM	66386		
Surr: 4	4-Bromofluorobenzene	99.9	70-130	%Rec	5	3/25/2022 11:04:12 AM	66386		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-116						
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	22/2022 11:10:00 AM		
Lab ID:	2203C72-025	Matrix: SOIL Received Date: 3/24/2022 7:30:00 AM						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst:	CAS	
Chloride		2600	150	mg/Kg	50	3/31/2022 11:41:53 AM	66497	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB	
Diesel Ra	ange Organics (DRO)	260	9.3	mg/Kg	1	3/28/2022 3:27:41 PM	66391	
Motor Oi	I Range Organics (MRO)	180	47	mg/Kg	1	3/28/2022 3:27:41 PM	66391	
Surr: E	DNOP	107	51.1-141	%Rec	1	3/28/2022 3:27:41 PM	66391	
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst:	NSB	
Gasoline	Range Organics (GRO)	ND	23	mg/Kg	5	3/25/2022 11:28:17 AM	66386	
Surr: E	3FB	113	37.7-212	%Rec	5	3/25/2022 11:28:17 AM	66386	
EPA MET	HOD 8021B: VOLATILES					Analyst:	NSB	
Benzene		ND	0.12	mg/Kg	5	3/25/2022 11:28:17 AM	66386	
Toluene		ND	0.23	mg/Kg	5	3/25/2022 11:28:17 AM	66386	
Ethylben	zene	ND	0.23	mg/Kg	5	3/25/2022 11:28:17 AM	66386	
Xylenes,	Total	ND	0.47	mg/Kg	5	3/25/2022 11:28:17 AM	66386	
Surr: 4	1-Bromofluorobenzene	97.1	70-130	%Rec	5	3/25/2022 11:28:17 AM	66386	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-117						
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	22/2022 11:15:00 AM		
Lab ID:	2203C72-026	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	ЈМТ	
Chloride		980	60	mg/Kg	20	3/30/2022 12:59:50 PM	66497	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB	
Diesel R	ange Organics (DRO)	38	9.9	mg/Kg	1	3/25/2022 1:41:07 PM	66391	
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/25/2022 1:41:07 PM	66391	
Surr: [ONOP	99.0	51.1-141	%Rec	1	3/25/2022 1:41:07 PM	66391	
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	NSB	
Gasoline	Range Organics (GRO)	ND	25	mg/Kg	5	3/25/2022 11:51:40 AM	66386	
Surr: E	3FB	108	37.7-212	%Rec	5	3/25/2022 11:51:40 AM	66386	
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	NSB	
Benzene		ND	0.12	mg/Kg	5	3/25/2022 11:51:40 AM	66386	
Toluene		ND	0.25	mg/Kg	5	3/25/2022 11:51:40 AM	66386	
Ethylben	zene	ND	0.25	mg/Kg	5	3/25/2022 11:51:40 AM	66386	
Xylenes,	Total	ND	0.50	mg/Kg	5	3/25/2022 11:51:40 AM	66386	
Surr: 4	4-Bromofluorobenzene	98.7	70-130	%Rec	5	3/25/2022 11:51:40 AM	66386	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-118						
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 11:20:00 AM		
Lab ID:	2203C72-027	Matrix: SOIL		Received Dat	e: 3/2	24/2022 7:30:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	CAS	
Chloride		4400	150	mg/Kg	50	3/31/2022 11:54:17 AM	66497	
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	SB	
Diesel R	ange Organics (DRO)	930	47	mg/Kg	5	3/28/2022 4:31:44 PM	66391	
Motor Oi	l Range Organics (MRO)	480	240	mg/Kg	5	3/28/2022 4:31:44 PM	66391	
Surr: [DNOP	94.0	51.1-141	%Rec	5	3/28/2022 4:31:44 PM	66391	
ЕРА МЕТ	HOD 8015D: GASOLINE RANG	GE				Analyst	NSB	
Gasoline	Range Organics (GRO)	ND	24	mg/Kg	5	3/26/2022 10:10:00 AM	66386	
Surr: E	3FB	122	37.7-212	%Rec	5	3/26/2022 10:10:00 AM	66386	
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	NSB	
Benzene		ND	0.12	mg/Kg	5	3/26/2022 10:10:00 AM	66386	
Toluene		ND	0.24	mg/Kg	5	3/26/2022 10:10:00 AM	66386	
Ethylben	zene	ND	0.24	mg/Kg	5	3/26/2022 10:10:00 AM	66386	
Xylenes, Total		ND	0.48	mg/Kg	5	3/26/2022 10:10:00 AM	66386	
Surr: 4	4-Bromofluorobenzene	97.3	70-130	%Rec	5	3/26/2022 10:10:00 AM	66386	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-119						
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 11:30:00 AM		
Lab ID:	2203C72-028	Matrix: SOIL Received Date: 3/24/2022 7:30						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst	CAS	
Chloride		3300	150	mg/Kg	50	3/31/2022 12:06:42 PM	66497	
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel R	ange Organics (DRO)	480	9.7	mg/Kg	1	3/28/2022 3:38:24 PM	66391	
Motor Oi	I Range Organics (MRO)	220	49	mg/Kg	1	3/28/2022 3:38:24 PM	66391	
Surr: [DNOP	99.1	51.1-141	%Rec	1	3/28/2022 3:38:24 PM	66391	
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	NSB	
Gasoline	e Range Organics (GRO)	ND	24	mg/Kg	5	3/25/2022 5:19:59 PM	66386	
Surr: E	BFB	117	37.7-212	%Rec	5	3/25/2022 5:19:59 PM	66386	
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB	
Benzene	9	ND	0.12	mg/Kg	5	3/25/2022 5:19:59 PM	66386	
Toluene		ND	0.24	mg/Kg	5	3/25/2022 5:19:59 PM	66386	
Ethylben	izene	ND	0.24	mg/Kg	5	3/25/2022 5:19:59 PM	66386	
Xylenes,	Total	ND	0.48	mg/Kg	5	3/25/2022 5:19:59 PM	66386	
Surr: 4	4-Bromofluorobenzene	98.4	70-130	%Rec	5	3/25/2022 5:19:59 PM	66386	

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C72

Date Reported: 4/5/2022

CLIENT:	GHD Midland	Client Sample ID: BH-120						
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 11:35:00 AM		
Lab ID:	2203C72-029	Matrix: SOIL Received Date: 3/24/2022 7:3						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	CAS	
Chloride		4100	150	mg/Kg	50	3/31/2022 1:33:34 PM	66497	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Ra	ange Organics (DRO)	520	9.6	mg/Kg	1	3/28/2022 3:49:08 PM	66391	
Motor Oi	I Range Organics (MRO)	220	48	mg/Kg	1	3/28/2022 3:49:08 PM	66391	
Surr: E	DNOP	82.6	51.1-141	%Rec	1	3/28/2022 3:49:08 PM	66391	
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	NSB	
Gasoline	Range Organics (GRO)	ND	24	mg/Kg	5	3/25/2022 5:43:21 PM	66386	
Surr: E	3FB	136	37.7-212	%Rec	5	3/25/2022 5:43:21 PM	66386	
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB	
Benzene		ND	0.12	mg/Kg	5	3/25/2022 5:43:21 PM	66386	
Toluene		ND	0.24	mg/Kg	5	3/25/2022 5:43:21 PM	66386	
Ethylben	zene	ND	0.24	mg/Kg	5	3/25/2022 5:43:21 PM	66386	
Xylenes,	Total	ND	0.48	mg/Kg	5	3/25/2022 5:43:21 PM	66386	
Surr: 4	1-Bromofluorobenzene	99.5	70-130	%Rec	5	3/25/2022 5:43:21 PM	66386	

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

Qualifiers:

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

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Client:

	WO#: 2203C	272
nmental Analysis Laboratory, Inc.	05-Apr-	-22
GHD Midland		

Project:	Ya	tes Fee AS Battery							
Sample ID:	MB-66450	SampType:	mblk	Tes	tCode: EPA Me	ethod 300.0: Anion	s		
Client ID:	PBS	Batch ID:	66450	R	unNo: 86811				
Prep Date:	3/28/2022	Analysis Date:	3/28/2022	S	eqNo: 306564	4 Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5						
Sample ID:	LCS-66450	SampType:	lcs	Tes	tCode: EPA Me	ethod 300.0: Anion	S		
Client ID:	LCSS	Batch ID:	66450	R	unNo: 86811				
Prep Date:	3/28/2022	Analysis Date:	3/28/2022	S	eqNo: 306564	5 Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.00	0	90.7	90 110			
Sample ID:	MB-66497	SampType:	mblk	Tes	tCode: EPA Me	ethod 300.0: Anion	s		
Client ID:	PBS	Batch ID:	66497	R	unNo: 86850				
Prep Date:	3/30/2022	Analysis Date:	3/30/2022	S	eqNo: 306901	3 Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5						
Sample ID:	LCS-66497	SampType:	lcs	Tes	tCode: EPA Me	ethod 300.0: Anion	s		
Client ID:	LCSS	Batch ID:	66497	R	unNo: 86850				
Prep Date:	3/30/2022	Analysis Date:	3/30/2022	S	eqNo: 306901	4 Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC Low	Limit 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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2203C72	
	05 4	

05-An	r-22
0 5- Ap	-44

Client:	GHD Mic	lland									
Project:	Yates Fee	AS Battery									
Sample ID:	2203C72-001AMS	SampTyp	e: MS	6	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	BH-92	Batch I	D: 66	387	F	RunNo: 8	6773				
Prep Date:	3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 30	064188	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	200	9.9	49.60	142.8	121	36.1	154			
Surr: DNOP		4.5		4.960		90.8	51.1	141			
Sample ID:	2203C72-001AMS) SampTyp	e: MS	SD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	BH-92	Batch I	D: 66	387	F	RunNo: 8	6773				
Prep Date:	3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 30	064189	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	170	9.5	47.44	142.8	66.9	36.1	154	14.9	33.9	
Surr: DNOP		3.8		4.744		80.3	51.1	141	0	0	
Sample ID:	LCS-66387	SampTyp	e: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batch I	D: 66	387	F	RunNo: 8	6773				
Prep Date:	3/24/2022	Analysis Dat	e: 3/	25/2022	5	SeqNo: 3	064209	Units: mg/K	g		
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	68.9	135			
Surr: DNOP		4.2		5.000		84.1	51.1	141			
Sample ID:	MB-66387	SampTyp	e: MI	3LK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	PBS	Batch I	D: 66	387	F	RunNo: 8	6773				
Prep Date:	3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 3	064210	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 Rang	ge Organics (MRO)	ND	50								
Surr: DNOP		9.1		10.00		91.0	51.1	141			
Sample ID:	LCS-66391	SampTyp	e: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batch I	D: 66	391	F	RunNo: 8	6774				
Prep Date:	3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 30	064236	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	43	10	50.00	0	85.0	68.9	135			
Surr: DNOP		4.1		5.000		82.2	51.1	141			

Qualifiers:

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

Surr: DNOP

Analyte

Analyte

Surr: DNOP

Surr: DNOP

Client ID: BH-112

Prep Date: 3/24/2022

Diesel Range Organics (DRO)

Client ID: BH-112

Prep Date: 3/24/2022

Diesel Range Organics (DRO)

Sample ID: 2203C72-021AMS

Sample ID: 2203C72-021AMSD

9.4

Result

Result

260

3.5

380

3.2

SampType: MS

Batch ID: 66391

Analysis Date: 3/28/2022

SampType: MSD

Batch ID: 66391

Analysis Date: 3/28/2022

PQL

9.9

PQL

9.4

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Hall Environmental Analysis Laboratory, Inc. WO#:										
Client: GHD M Project: Yates Fe	idland ee AS Batte	ry								
Sample ID: MB-66391	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch	h ID: 66	391	F	RunNo: 8	6774				
Prep Date: 3/24/2022	Analysis D	Date: 3/	25/2022	/2022 SeqNo: 3064238 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								

93.6

RunNo: 86781

%REC

86.2

67.8

RunNo: 86781

%REC

-148

71.2

SeqNo: 3065093

SeqNo: 3065092

51.1

LowLimit

LowLimit

36.1

51.1

36.1

51.1

141

Units: mg/Kg

154

141

Units: mg/Kg

154

141

HighLimit

%RPD

%RPD

35.3

0

RPDLimit

RPDLimit

33.9

0

Qual

Qual

RS

HighLimit

TestCode: EPA Method 8015M/D: Diesel Range Organics

TestCode: EPA Method 8015M/D: Diesel Range Organics

10.00

47.08

4.708

49.41

4.941

SPK value SPK Ref Val

SPK value SPK Ref Val

337.5

337.5

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2203C72
	05 4 22

05-Aj	pr-22
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Client: GHD Mi Project: Yates Fe	idland e AS Battery									
Sample ID: mb-66386	SampTyp	e: ME	BLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch II	D: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 3	063856	Units: mg/k	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 1100	5.0	1000		107	37.7	212			
Sample ID: Ics-66386	SampTyp	e: LC	S	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch II	D: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 3	063857	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
	2200		1000		224	37.7	212			5
Sample ID: 2203c72-018ams	SampTyp	e: MS	5	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID: BH-109	Batch II	D: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 3	063859	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	33	5.0	24.75	0	133	70	130			S
	2400		990.1		246	37.7	212			5
Sample ID: 2203c72-018ams	d SampTyp	e: MS	SD	Tes	tCode: E	PA Method	8015D: Gasc	oline Rang	e	
Client ID: BH-109	Batch II	D: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 3	063860	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.8	24.18	0	128	70	130	5.62	20	
	2400		967.1		252	37.7	212	0	0	5
Sample ID: mb-66382	SampTyp	e: ME	BLK	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID: PBS	Batch II	D: 66	382	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Dat	e: 3/	26/2022	S	SeqNo: 3	063885	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 1100	5.0	1000		108	37.7	212			
Sample ID: Ics-66382	SampTyp	e: LC	S	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch II	D: 66	382	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Dat	e: 3/	25/2022	S	SeqNo: 3	063886	Units: mg/k	٢g		
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

1

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	GHD Mid	lland									
Project:	Yates Fee	AS Batter	ry								
Sample ID: I	cs-66382	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	oline Rang	e	
Client ID: L	CSS	Batch	1D: 66	382	F	RunNo: 8	6765				
Prep Date:	3/24/2022	Analysis D	ate: 3/	25/2022	S	SeqNo: 3	063886	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	23	5.0	25.00	0	93.3	72.3	137			
Surr: BFB		2200		1000		219	37.7	212			S
Sample ID: 2203c72-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range											
Client ID: E	3H-92	Batch	ID: 66:	382	F	RunNo: 8	6765				
Prep Date:	3/24/2022	Analysis D	ate: 3/	25/2022	S	SeqNo: 3	063888	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	25	4.8	24.08	0	105	70	130			
Surr: BFB		2200		963.4		230	37.7	212			S
Sample ID: 2	2203c72-001amsd	SampT	уре: МS	SD	Tes	tCode: EF	PA Method	8015D: Gaso	oline Rang	e	
Client ID: E	3H-92	Batch	1D: 66	382	F	RunNo: 8	6765				
Prep Date:	3/24/2022	Analysis D	ate: 3/	25/2022	S	SeqNo: 3	063889	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	24	4.7	23.72	0	102	70	130	3.92	20	
Surr: BFB		2200		948.8		232	37.7	212	0	0	S

Qualifiers:

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

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2203C72

05-Apr-22

WO#:

GHD Midland

Yates Fee AS Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	_
do: EDA Mothod 8021 B: Volatilos	

WO#:

Sample ID: mb-66	386 Sam	рТуре: МІ	BLK	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Ba	tch ID: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2	2022 Analysis	Date: 3/	25/2022	S	SeqNo: 3	063914	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-Bromofluorobe	enzene 0.98		1.000		98.4	70	130			
Sample ID: LCS-6	6386 Sam	рТуре: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Ba	tch ID: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2	2022 Analysis	a Date: 3/	25/2022	S	SeqNo: 3	063915	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	83.4	80	120			
Toluene	0.90	0.050	1.000	0	89.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.3	80	120			
Surr: 4-Bromofluorobe	enzene 1.0		1.000		101	70	130			
Sample ID: 2203c7	72-019ams Sam	рТуре: М	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BH-11	0 Ba	tch ID: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2	2022 Analysis	a Date: 3/	/25/2022	S	SeqNo: 3	063918	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.024	0.9699	0	101	68.8	120			
Toluene	1.1	0.048	0.9699	0	109	73.6	124			
Ethylbenzene	1.1	0.048	0.9699	0	112	72.7	129			
Xylenes, Total	3.3	0.097	2.910	0	112	75.7	126			
Surr: 4-Bromofluorobe	enzene 0.97		0.9699		101	70	130			
Sample ID: 2203c7	72-019amsd Sam	рТуре: М	SD	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BH-110	0 Ba	tch ID: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2	2022 Analysis	a Date: 3/	/25/2022	S	SeqNo: 3	063919	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9681	0	98.0	68.8	120	3.15	20	
Toluene	1.0	0.048	0.9681	0	106	73.6	124	2.76	20	
Ethylbenzene	1.1	0.048	0.9681	0	110	72.7	129	2.75	20	
Xylenes, Total	3.2	0.097	2.904	0	109	75.7	126	3.20	20	

Qualifiers:

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

Surr: 4-Bromofluorobenzene

- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S

0.99

в Analyte detected in the associated Method Blank

103

70

130

0

Е Estimated value

0.9681

- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

0

2203C72

05-Apr-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

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WO#:	2203C72
	05 4

05-Apr-22

Client: Project:	GHD Mid Vates Fee	lland AS Batte	17.7								
110jeet.	Tates Tee	AS Datte	1 y								
Sample ID:	mb-66382	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID:	PBS	Batch	h ID: 663	382	F	unNo: 86	6765				
Prep Date:	3/24/2022	Analysis D	Date: 3/2	26/2022	S	eqNo: 30	063943	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.98		1.000		97.9	70	130			
Sample ID:	LCS-66382	SampT	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batch	h ID: 663	382	F	lunNo: 86	6765				
Prep Date:	3/24/2022	Analysis D	Date: 3/2	25/2022	5	eqNo: 30	063944	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.83	0.025	1.000	0	82.5	80	120			
Toluene		0.88	0.050	1.000	0	88.0	80	120			
Ethylbenzene		0.90	0.050	1.000	0	89.8	80	120			
Xylenes, Total		2.7	0.10	3.000	0	89.5	80	120			
Surr: 4-Brom	ofluorobenzene	1.0		1.000		102	70	130			
Sample ID:	2203c72-002ams	SampT	Гуре: МS	;	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	BH-93	Batch	h ID: 663	382	F	tunNo: 86	6765				
Prep Date:	3/24/2022	Analysis D	Date: 3/2	25/2022	S	eqNo: 30	063947	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.93	0.024	0.9425	0	98.6	68.8	120			
Toluene		1.0	0.047	0.9425	0	107	73.6	124			
Ethylbenzene		1.0	0.047	0.9425	0	110	72.7	129			
Xylenes, Total		3.1	0.094	2.828	0	109	75.7	126			
Surr: 4-Brom	ofluorobenzene	0.90		0.9425		95.1	70	130			
Sample ID:	2203c72-002amsd	SampT	Гуре: МS	D	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	BH-93	Batch	h ID: 663	382	F	unNo: 86	6765				
Prep Date:	3/24/2022	Analysis D	Date: 3/ 2	25/2022	S	eqNo: 30	063948	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.81	0.023	0.9346	0	87.0	68.8	120	13.4	20	
Toluene		0.89	0.047	0.9346	0	95.3	73.6	124	12.7	20	
Ethylbenzene		0.92	0.047	0.9346	0	97.9	72.7	129	12.9	20	
Xylenes, Total		2.7	0.093	2.804	0	97.0	75.7	126	12.2	20	
Surr: 4-Brom	ofluorobenzene	0.89		0.9346		95.4	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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1 uge	555	0 377	

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environi TEL: 505-345 Website: clie	nental Analy 496 Albuquerq 5-3975 FAX: nts.hallenvir	sis Laborato 11 Hawkins 1 10e, NM 871 505-345-41 100mental.co	vy VE 09 Sa 07	mple Log-In Check L	ist
Client Name: GHD Midland	Work Order Nu	mber: 2203	3C72		RcptNo: 1	-
Received By: Cheyenne Cason	3/24/2022 7:30:00	0 AM		Ind		
Completed By: Sean Livingston	3/24/2022 8:15:5	1 0.01			1	
Reviewed By: KPG 3/24/2	12			Sal	1730tm	
Chain of Custody						
1. Is Chain of Custody complete?		Yes	~	No 🗌	Not Present	
2. How was the sample delivered?		Cour	ier			
Log In						
3. Was an attempt made to cool the sa	imples?	Yes		No 🗌	NA 🗌	
4. Were all samples received at a temp	erature of >0° C to 6.0°C	Yes		No 🗌		
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 🗌		
8. Was preservative added to bottles?		Yes [No 🔽	NA 🗌	
9. Received at least 1 vial with headspa	ce <1/4" for AQ VOA?	Yes	-	No 🗍		
10. Were any sample containers receive	d broken?	Yes	_	No V		
		100			# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custo	ody)	Yes [No 🗌	for pH:	tod)
12. Are matrices correctly identified on C	hain of Custody?	Yes .	/	No 🗆	Adjusted?	neu)
13. Is it clear what analyses were request	ted?	Yes		No 🗌		
 Were all holding times able to be met (If no, notify customer for authorizatio 	? n.)	Yes		No 🗌	Checked by: TMC 3/2	4/7
Special Handling (if applicable)				1		
15. Was client notified of all discrepancie	s with this order?	Yes [No 🗌	NA 🔽	
Person Notified:	Date					
By Whom:	Via:	eMail	Phon	e 🗌 Fax	In Person	
Regarding:			_			
Client Instructions:						
16. Additional remarks:						
17. <u>Cooler Information</u> Cooler No Temp °C Conditio	n Seal Intact Seal No	Seal Date	e Sigi	ned By		
17. <u>Cooler Information</u> Cooler No Temp ^o C Conditio 1 1.1 Good	n Seal Intact Seal No	Seal Date	e Sigi	ned By		

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	7-10-U	ustody Record	Turn-Around T	ime:			2440						
Client: GHL		•.	「」 「」 Standard	K Rush	5 DALA			IAL		INN	RO	MN	ENTAL
			Project Name:	2	1 - 27 - 2			ANA		SIS	LA	208	ATORY
Mailing Addn	ess:		- Yohi Fee	AS Batton				www.h	allenvi	ronme	ntal.co	E	
324 W. Main	St. Suite 10	08, Artesia NM 88210	Project #:			490	1 Hawk	ins NE	- Albi	nquerq	Ine, N	M 8710	6
^{chone} #:	(505)37	7-4218	101-87211			Te	. 505-34	15-397	E S	ax 50	5-345-	4107	
smail or Faxt	t: Becky.h	laskell@ghd.com	Project Manade						Analy	sis Re	duest	-	
AVQC Packa	je:		Beckv Haskell			(@2) (4.2	S	5	os	•	(jue	_	
J Standard		Level 4 (Full Validation)	Tom Larson			(8) (8)	CB	SMI	'*O		esd/	-	
Accreditation		ompliance	Sampler: Z	ach Comino		s'8MT	1) (1)	S0728	o ^{s,} P		//tuəs	6	
T FDD (Tvne			On Ice:	. Yes	No	1	709	or 8	N	(A	Pre	15	
	/		# of Coolers;			CH BE	g p	ol sle	^{'E} O	0/	I) U	P ^o	
4.			Cooler Temp(ina	nding OF): 1.24	0.121.1) DSD(ethod	v 831	с, И	(AO	liforn	Mth M	
late Time	Matrix	Sample Name	Container Pr Type and # Ty	eservative	HEAL No.	PH:80	M) 80	Hs by B AAD	в , т ,	S) 023	ital Co	Morile	
32122 1000	5	54.22	Jac		したり、「した」		E	ы Ч	D	28	о <u>т</u>	101.	-
2001		BH-93			5	XX	-	+		+			-
1 lode		BM- 24			200		-	+		-			
مدما		BH-95			Sen		1	+		-			
(1073		BU- 36			500		1						
1030		D/ - 12			SSO					-			
1025		30.10			900								
-101	+	06 - 119		-	t 93								$\left \right $
Ohai		BM- 99			B		L	-	T	F	F		
(ha) T		BH-IPP			600		1	-	1	T	T		
000 7227		101-101			010		L			L		1	
5001		101-125	1		õ		t	F			T	1	
ajai	7	BH1 103	>		210		1	F	+	T	T	1	
100) 2000	AA I	by:	Received by: V		Date Time	Remark	(s: Plea	se ema	il: Cha	se Se	ttle@e	odreso	Urces com.
te; Time:	Relinquishe	d by: "Hutchul Un	Received by: V	sele at	Date Time	Tre	om.Lars lew.Lau	on@gh ghlin@	id.com	; Zach. m: Alo	Comi	no@ghc th Beck	d.com v Haskell
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Received by OCD: 5/27/2022 2:56:23 PM

3 2 04 ANALYSIS LABORATORY HALL ENVIRONMENTAL Remarks: Please email: Chase_Settle@eogresources.com; Matthew.Laughlin@ghd.com: Along with Becky Haskell Poge Tom.Larson@ghd.com; Zach.Comino@ghd.com 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. add amber _ Artifing eseminant. Iam for multi 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 Direct Bill to EOG Chase Settle Mathal www.hallenvironmental.com 008 CHINN Analysis Request Total Coliform (Present/Absent) isted above. (AOV-ime2) 0728 (AOV) 0328 "EON NO5' PO4' SO4 Br, CI' E' Tel. 505-345-3975 RCRA 8 Metals PAHs by 8310 or 8270SIMS EDB (Method 504.1) 8081 Pesticides/8082 PCB's TPH:8015D(GRO/DRO/MRO) BTEX / MTBE / TMB's (8027) 3 1001 3/24/20 0730 HEAL No. 013 Time DOG Time 50 5 Davy SC 410 020 010 212 120 220 520 220 3/23/22 Cooler Temp(Induding cP): 1 2-0.1 Date Date e N N K Rush Batton Zach Comino Preservative XYes Turn-Around Time: Yoto Fee AJ Type Culture Via: Cen Project Manager: Via: E Standard Project Name: Becky Haskell # of Coolers: 101-8721) Tom Larson Type and # Project #: Container Sampler: Received by: On Ice: Received by: 300 24 Level 4 (Full Validation) Chain-of-Custody Record Sample Name Sho 324 W. Main St. Suite 108, Artesia NM 88210 Becky. Haskell@ghd.com Mulehal amury BM-105 BM-104 BH-105 011-HS 84-106 BI1-107 BM-109 BM-112 411-119 811-118 Az Compliance BH-113 BH-111 (505)377-4218 Mitchell Clenton Relinquished by: Relinquished by: D Other Matrix Mailing Address: email or Fax#: QA/QC Package Time EDD (Type) Client: GHD Accreditation: 10-12 1900 □ Standard 07U) 1035 diso 2401 (0 50 1020 1030 COI 250) 1105 Time: 510 Time: D NELAC 0001 Phone #: Date 808 222220 122260 3 Date:

Received by OCD: 5/27/2022 2:56:23 PM

108. Artesia NM 88210 1 3/0. ¹ /c	Hall Environmental com Abal Esticates/BBC Abal Abal Abal Abal Abal Abal Abal Abal
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Released to Imaging: 9/13/2022 8:20:05 AM



April 05, 2022

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

RE: Yates Fee AS Battery

OrderNo.: 2203C86

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 11 sample(s) on 3/24/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	-121	
Project:	Yates Fee AS Battery		(Collect	ion Dat	e: 3/2	2/2022 1:25:00 PM	
Lab ID:	2203C86-001	Matrix: SOIL		Recei	ved Dat	e: 3/2	4/2022 7:30:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	ЈМТ
Chloride		5100	300		mg/Kg	100	3/31/2022 11:18:13 AM	66498
EPA MET	HOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	SB
Diesel Ra	ange Organics (DRO)	2100	96		mg/Kg	10	3/28/2022 5:03:58 PM	66391
Motor Oi	Range Organics (MRO)	950	480		mg/Kg	10	3/28/2022 5:03:58 PM	66391
Surr: D	DNOP	0	51.1-141	S	%Rec	10	3/28/2022 5:03:58 PM	66391
EPA MET	HOD 8015D: GASOLINE RAN	IGE					Analyst	NSB
Gasoline	Range Organics (GRO)	ND	24		mg/Kg	5	3/26/2022 10:33:42 AM	66386
Surr: E	3FB	140	37.7-212		%Rec	5	3/26/2022 10:33:42 AM	66386
EPA MET	HOD 8021B: VOLATILES						Analyst	NSB
Benzene		ND	0.12		mg/Kg	5	3/26/2022 10:33:42 AM	66386
Toluene		ND	0.24		mg/Kg	5	3/26/2022 10:33:42 AM	66386
Ethylben	zene	ND	0.24		mg/Kg	5	3/26/2022 10:33:42 AM	66386
Xylenes,	Total	ND	0.48		mg/Kg	5	3/26/2022 10:33:42 AM	66386
Surr: 4	I-Bromofluorobenzene	99.4	70-130		%Rec	5	3/26/2022 10:33:42 AM	66386

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

Qualifiers:

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

Page 1 of 18

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-122	
Project:	Yates Fee AS Battery		(Collection Date	e: 3/2	22/2022 1:30:00 PM	
Lab ID:	2203C86-002	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: JMT
Chloride		4700	150	mg/Kg	50	3/31/2022 11:30:34 AM	66498
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	52	9.5	mg/Kg	1	3/25/2022 2:45:24 PM	66391
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/25/2022 2:45:24 PM	66391
Surr: I	DNOP	108	51.1-141	%Rec	1	3/25/2022 2:45:24 PM	66391
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	24	mg/Kg	5	3/25/2022 6:30:30 PM	66386
Surr: I	BFB	107	37.7-212	%Rec	5	3/25/2022 6:30:30 PM	66386
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.12	mg/Kg	5	3/25/2022 6:30:30 PM	66386
Toluene		ND	0.24	mg/Kg	5	3/25/2022 6:30:30 PM	66386
Ethylben	izene	ND	0.24	mg/Kg	5	3/25/2022 6:30:30 PM	66386
Xylenes,	Total	ND	0.49	mg/Kg	5	3/25/2022 6:30:30 PM	66386
Surr: 4	4-Bromofluorobenzene	95.5	70-130	%Rec	5	3/25/2022 6:30:30 PM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	-123	
Project:	Yates Fee AS Battery		(Collect	tion Dat	e: 3/2	2/2022 1:35:00 PM	
Lab ID:	2203C86-003	Matrix: SOIL		Recei	ved Dat	e: 3/2-	4/2022 7:30:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	: JMT
Chloride		6100	300		mg/Kg	100	3/31/2022 11:42:55 AM	66498
EPA MET	HOD 8015M/D: DIESEL RAM	IGE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	6300	97		mg/Kg	10	3/29/2022 12:38:54 PM	66391
Motor Oi	I Range Organics (MRO)	2100	480		mg/Kg	10	3/29/2022 12:38:54 PM	66391
Surr: [ONOP	0	51.1-141	S	%Rec	10	3/29/2022 12:38:54 PM	66391
EPA MET	HOD 8015D: GASOLINE RA	NGE					Analyst	: NSB
Gasoline	Range Organics (GRO)	370	93		mg/Kg	20	3/25/2022 9:28:23 AM	66386
Surr: E	BFB	254	37.7-212	S	%Rec	20	3/25/2022 9:28:23 AM	66386
EPA MET	HOD 8021B: VOLATILES						Analyst	: NSB
Benzene		ND	0.46	D	mg/Kg	20	3/25/2022 9:28:23 AM	66386
Toluene		ND	0.93	D	mg/Kg	20	3/25/2022 9:28:23 AM	66386
Ethylben	zene	13	0.93	D	mg/Kg	20	3/25/2022 9:28:23 AM	66386
Xylenes,	Total	16	1.9	D	mg/Kg	20	3/25/2022 9:28:23 AM	66386
Surr: 4	4-Bromofluorobenzene	118	70-130	D	%Rec	20	3/25/2022 9:28:23 AM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: SW	7-18	
Project:	Yates Fee AS Battery		(Collect	tion Dat	e: 3/2	2/2022 1:40:00 PM	
Lab ID:	2203C86-004	Matrix: SOIL		Recei	ved Dat	e: 3/2	4/2022 7:30:00 AM	
Analyses	Result PQL Qual Units DF Date Analyzed IOD 300.0: ANIONS / 6100 300 mg/Kg 100 3/31/2022 11:55		Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS						Analyst	јмт
Chloride		6100	300		mg/Kg	100	3/31/2022 11:55:16 AM	66517
EPA MET	THOD 8015M/D: DIESEL RAI	NGE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	3500	180		mg/Kg	20	3/25/2022 3:06:56 PM	66391
Motor Oi	il Range Organics (MRO)	1300	910		mg/Kg	20	3/25/2022 3:06:56 PM	66391
Surr: I	DNOP	0	51.1-141	S	%Rec	20	3/25/2022 3:06:56 PM	66391
EPA MET	THOD 8015D: GASOLINE RA	NGE					Analyst	NSB
Gasoline	e Range Organics (GRO)	120	24		mg/Kg	5	3/26/2022 10:57:24 AM	66386
Surr: I	BFB	335	37.7-212	S	%Rec	5	3/26/2022 10:57:24 AM	66386
EPA MET	THOD 8021B: VOLATILES						Analyst	NSB
Benzene	9	ND	0.12		mg/Kg	5	3/26/2022 10:57:24 AM	66386
Toluene		ND	0.24		mg/Kg	5	3/26/2022 10:57:24 AM	66386
Ethylben	izene	3.0	0.24		mg/Kg	5	3/26/2022 10:57:24 AM	66386
Xylenes,	Total	2.2	0.48		mg/Kg	5	3/26/2022 10:57:24 AM	66386
Surr: 4	4-Bromofluorobenzene	122	70-130		%Rec	5	3/26/2022 10:57:24 AM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: SV	V-19	
Project:	Yates Fee AS Battery		(Collect	tion Dat	e: 3/2	2/2022 1:45:00 PM	
Lab ID:	2203C86-005	Matrix: SOIL		Recei	ved Dat	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	PQL	Qual	mt Sample ID: SW-19 Delection Date: 3/22/2022 1:45:00 PM Received Date: 3/24/2022 7:30:00 AM Qual Units DF Date Analyzed Batch mg/Kg 50 3/31/2022 12:07:36 PM 66517 mg/Kg 10 3/25/2022 3:17:51 PM 66391 mg/Kg 10 3/25/2022 3:17:51 PM 66391 S %Rec 10 3/25/2022 3:17:51 PM 66391 S %Rec 3/26/2022 11:21:06 AM 66386 S %Rec 5 3/26/2022 11:21:06 AM 66386		Batch	
EPA MET	HOD 300.0: ANIONS						Analyst	: JMT
Chloride		4000	150		mg/Kg	50	3/31/2022 12:07:36 PM	66517
EPA MET	HOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	1500	98		mg/Kg	10	3/25/2022 3:17:51 PM	66391
Motor Oi	I Range Organics (MRO)	700	490		mg/Kg	10	3/25/2022 3:17:51 PM	66391
Surr: [DNOP	0	51.1-141	S	%Rec	10	3/25/2022 3:17:51 PM	66391
EPA MET	HOD 8015D: GASOLINE RAN	IGE					Analyst	: NSB
Gasoline	Range Organics (GRO)	51	24		mg/Kg	5	3/26/2022 11:21:06 AM	66386
Surr: E	3FB	239	37.7-212	S	%Rec	5	3/26/2022 11:21:06 AM	66386
EPA MET	HOD 8021B: VOLATILES						Analyst	: NSB
Benzene		ND	0.12		mg/Kg	5	3/26/2022 11:21:06 AM	66386
Toluene		ND	0.24		mg/Kg	5	3/26/2022 11:21:06 AM	66386
Ethylben	zene	0.42	0.24		mg/Kg	5	3/26/2022 11:21:06 AM	66386
Xylenes,	Total	ND	0.49		mg/Kg	5	3/26/2022 11:21:06 AM	66386
Surr: 4	1-Bromofluorobenzene	110	70-130		%Rec	5	3/26/2022 11:21:06 AM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CI IENT.	CHD Midland		CI	iont Somnlo II). SV	V 20	
CLIENI.			CI		J. 3V	v-20	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 1:50:00 PM	
Lab ID:	2203C86-006	Matrix: SOIL		Received Date	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: JMT
Chloride		4200	150	mg/Kg	50	3/31/2022 12:19:57 PM	66517
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	3/25/2022 3:28:47 PM	66391
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	3/25/2022 3:28:47 PM	66391
Surr: [ONOP	116	51.1-141	%Rec	1	3/25/2022 3:28:47 PM	66391
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	3/25/2022 8:04:56 PM	66386
Surr: E	3FB	106	37.7-212	%Rec	1	3/25/2022 8:04:56 PM	66386
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	3/25/2022 8:04:56 PM	66386
Toluene		ND	0.047	mg/Kg	1	3/25/2022 8:04:56 PM	66386
Ethylben	zene	ND	0.047	mg/Kg	1	3/25/2022 8:04:56 PM	66386
Xylenes,	Total	ND	0.095	mg/Kg	1	3/25/2022 8:04:56 PM	66386
Surr: 4	1-Bromofluorobenzene	97.6	70-130	%Rec	1	3/25/2022 8:04:56 PM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	W-21	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/2	22/2022 1:55:00 PM	
Lab ID:	2203C86-007	Matrix: SOIL		Received Dat	e: 3/2	24/2022 7:30:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: JMT
Chloride		3700	150	mg/Kg	50	3/31/2022 12:32:18 PM	66517
ΕΡΑ ΜΕΊ	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	3/25/2022 3:39:40 PM	66391
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	3/25/2022 3:39:40 PM	66391
Surr: I	DNOP	120	51.1-141	%Rec	1	3/25/2022 3:39:40 PM	66391
EPA MET	THOD 8015D: GASOLINE RANGE	i .				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/25/2022 8:28:22 PM	66386
Surr: I	BFB	108	37.7-212	%Rec	1	3/25/2022 8:28:22 PM	66386
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	3/25/2022 8:28:22 PM	66386
Toluene		ND	0.048	mg/Kg	1	3/25/2022 8:28:22 PM	66386
Ethylben	izene	ND	0.048	mg/Kg	1	3/25/2022 8:28:22 PM	66386
Xylenes,	Total	ND	0.095	mg/Kg	1	3/25/2022 8:28:22 PM	66386
Surr: 4	4-Bromofluorobenzene	98.6	70-130	%Rec	1	3/25/2022 8:28:22 PM	66386

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		C	lient Sample II	D: SV	V-22	
Project:	Yates Fee AS Battery			Collection Dat	e: 3/2	22/2022 2:00:00 PM	
Lab ID:	2203C86-008	Matrix: SOIL	24/2022 7:30:00 AM				
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: JMT
Chloride		2700	150	mg/Kg	50	3/31/2022 1:09:21 PM	66517
ΕΡΑ ΜΕΤ	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
Diesel R	ange Organics (DRO)	11	9.2	mg/Kg	1	3/29/2022 10:38:37 PM	66452
Motor Oi	l Range Organics (MRO)	ND	46	mg/Kg	1	3/29/2022 10:38:37 PM	66452
Surr: [DNOP	72.2	51.1-141	%Rec	1	3/29/2022 10:38:37 PM	66452
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	3/28/2022 6:35:00 PM	66412
Surr: E	BFB	102	37.7-212	%Rec	1	3/28/2022 6:35:00 PM	66412
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	3/28/2022 6:35:00 PM	66412
Toluene		ND	0.049	mg/Kg	1	3/28/2022 6:35:00 PM	66412
Ethylben	izene	ND	0.049	mg/Kg	1	3/28/2022 6:35:00 PM	66412
Xylenes,	Total	ND	0.099	mg/Kg	1	3/28/2022 6:35:00 PM	66412
Surr: 4	4-Bromofluorobenzene	84.4	70-130	%Rec	1	3/28/2022 6:35:00 PM	66412

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		C	ient Sample II	D: SW	7-23	
Project:	Yates Fee AS Battery		(Collection Dat	e: 3/22	2/2022 2:05:00 PM	
Lab ID:	2203C86-009	Matrix: SOIL		Received Dat	e: 3/24	4/2022 7:30:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: JMT
Chloride		5200	300	mg/Kg	100	3/31/2022 1:21:42 PM	66517
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	11	9.6	mg/Kg	1	3/29/2022 10:49:10 PM	66452
Motor Oi	l Range Organics (MRO)	ND	48	mg/Kg	1	3/29/2022 10:49:10 PM	66452
Surr: [DNOP	77.4	51.1-141	%Rec	1	3/29/2022 10:49:10 PM	66452
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2022 8:13:00 PM	66412
Surr: E	BFB	98.0	37.7-212	%Rec	1	3/28/2022 8:13:00 PM	66412
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	3/28/2022 8:13:00 PM	66412
Toluene		ND	0.048	mg/Kg	1	3/28/2022 8:13:00 PM	66412
Ethylben	izene	ND	0.048	mg/Kg	1	3/28/2022 8:13:00 PM	66412
Xylenes,	Total	ND	0.096	mg/Kg	1	3/28/2022 8:13:00 PM	66412
Surr: 4	4-Bromofluorobenzene	81.2	70-130	%Rec	1	3/28/2022 8:13:00 PM	66412

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT.	GHD Midland		CI	ient Se	amnle II). SW	-24	
Project.	Vates Fee AS Battery		(² ollect	ion Dat	e• 3/2'	2 2/2022 2:10:00 PM	
Lab ID:	2203C86-010	Matrix: SOIL	· · · ·	Recei	ved Dat	e: 3/24	4/2022 7:30:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	: JMT
Chloride		6400	300		mg/Kg	100	3/31/2022 1:34:02 PM	66517
EPA MET	HOD 8015M/D: DIESEL RANGE	EORGANICS					Analyst	SB
Diesel Ra	ange Organics (DRO)	1400	95		mg/Kg	10	3/30/2022 6:44:42 PM	66452
Motor Oi	Range Organics (MRO)	650	480		mg/Kg	10	3/30/2022 6:44:42 PM	66452
Surr: [DNOP	0	51.1-141	S	%Rec	10	3/30/2022 6:44:42 PM	66452
EPA MET	HOD 8015D: GASOLINE RANG	Έ					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	25		mg/Kg	5	3/28/2022 9:12:00 PM	66412
Surr: E	3FB	128	37.7-212		%Rec	5	3/28/2022 9:12:00 PM	66412
EPA MET	HOD 8021B: VOLATILES						Analyst	BRM
Benzene		ND	0.12		mg/Kg	5	3/28/2022 9:12:00 PM	66412
Toluene		ND	0.25		mg/Kg	5	3/28/2022 9:12:00 PM	66412
Ethylben	zene	ND	0.25		mg/Kg	5	3/28/2022 9:12:00 PM	66412
Xylenes,	Total	ND	0.50		mg/Kg	5	3/28/2022 9:12:00 PM	66412
Surr: 4	1-Bromofluorobenzene	88.0	70-130		%Rec	5	3/28/2022 9:12:00 PM	66412

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203C86

Date Reported: 4/5/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: SW	7-25	
Project:	Yates Fee AS Battery		(Collect	ion Dat	e: 3/22	2/2022 2:15:00 PM	
Lab ID:	2203C86-011	Matrix: SOIL		Recei	ved Dat	e: 3/24	4/2022 7:30:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	: JMT
Chloride		7300	300		mg/Kg	100	3/31/2022 1:46:23 PM	66517
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel Ra	ange Organics (DRO)	2400	96		mg/Kg	10	3/30/2022 6:34:00 PM	66452
Motor Oil	Range Organics (MRO)	930	480		mg/Kg	10	3/30/2022 6:34:00 PM	66452
Surr: E	DNOP	0	51.1-141	S	%Rec	10	3/30/2022 6:34:00 PM	66452
EPA MET	HOD 8015D: GASOLINE RANGE	E					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	24		mg/Kg	5	3/28/2022 9:31:00 PM	66412
Surr: E	3FB	154	37.7-212		%Rec	5	3/28/2022 9:31:00 PM	66412
EPA MET	HOD 8021B: VOLATILES						Analyst	BRM
Benzene		ND	0.12		mg/Kg	5	3/28/2022 9:31:00 PM	66412
Toluene		ND	0.24		mg/Kg	5	3/28/2022 9:31:00 PM	66412
Ethylben	zene	ND	0.24		mg/Kg	5	3/28/2022 9:31:00 PM	66412
Xylenes,	Total	ND	0.49		mg/Kg	5	3/28/2022 9:31:00 PM	66412
Surr: 4	-Bromofluorobenzene	94.5	70-130		%Rec	5	3/28/2022 9:31:00 PM	66412

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

Qualifiers:

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

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K I	WO#:	2203C86
is Laboratory, Inc.		05-Apr-22

Client:	GHD	Midland			
Project:	Yates	Fee AS Battery			
Sample ID:	MB-66498	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID:	PBS	Batch ID: 66498	RunNo: 86869		
Prep Date:	3/30/2022	Analysis Date: 3/30/2022	SeqNo: 3068829	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-66498	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID:	LCSS	Batch ID: 66498	RunNo: 86869		
Prep Date:	3/30/2022	Analysis Date: 3/30/2022	SeqNo: 3068830	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-66517	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID:	PBS	Batch ID: 66517	RunNo: 86869		
Prep Date:	3/30/2022	Analysis Date: 3/30/2022	SeqNo: 3068868	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-66517	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID:	LCSS	Batch ID: 66517	RunNo: 86869		
Prep Date:	3/30/2022	Analysis Date: 3/30/2022	SeqNo: 3068869	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		14 1.5 15.00	0 94.6 90	110	

Qualifiers:

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

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GHD Midland

Yates Fee AS Battery

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Released to Im	aging: 9/13/20)22 8:20:05 A	4 <i>M</i>

в Analyte detected in the associated Method Blank

92.0

91.8

Е Estimated value

0

5.000

J Analyte detected below quantitation limits Р

RL

LowLimit

68.9

51.1

HighLimit

135

141

%RPD

RPDLimit

Qual

Sample pH Not In Range

Reporting Limit

Page 13 of 18

Surr: DN Sample Client ID Prep Da Analyte SPK value SPK Ref Val %REC Result PQL Diesel Range Organics (DRO) 46 10 50.00

4.6

Qualifiers:

Surr: DNOP

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

Sample ID:	LCS-66391	SampTy	pe: LC	S	Test	tCode: E	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	ID: 66	391	R	RunNo: 8	36774				
Prep Date:	3/24/2022	Analysis Da	ite: 3/	/25/2022	S	SeqNo: 3	3064236	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	43	10	50.00	0	85.0	68.9	135			
Surr: DNOP		4.1		5.000		82.2	51.1	141			
Sample ID:	MB-66391	SampTy	ре: МГ	BLK	Tes	tCode: E	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	ID: 66	391	R	RunNo: 8	36774				
Prep Date:	3/24/2022	Analysis Da	ite: 3/	/25/2022	S	SeqNo: 3	8064238	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 Rang	ge Organics (MRO)	ND	50								
Surr: DNOP		9.4		10.00		93.6	51.1	141			
Sample ID:	2203C86-008AMS	SampTy	pe: M \$	S	Test	tCode: E	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	SW-22	Batch	ID: 66	452	R	RunNo: 8	36803				
Prep Date:	3/28/2022	Analysis Da	ite: 3/	/30/2022	S	SeqNo: 3	8066717	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	50	9.8	48.88	10.93	79.7	36.1	154			
Surr: DNOP		3.5		4.888		71.5	51.1	141			
Sample ID:	2203C86-008AMS	D SampTy	pe: M \$	SD	Test	tCode: E	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	SW-22	Batch	ID: 66	452	R	RunNo: 8	36803				
Prep Date:	3/28/2022	Analysis Da	ite: 3/	/30/2022	S	SeqNo: 3	8066718	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	52	9.8	49.07	10.93	83.1	36.1	154	3.58	33.9	
Surr: DNOP		3.5		4.907		72.0	51.1	141	0	0	
Sample ID:	LCS-66452	SampTy	pe: LC	s	Tes	tCode: E	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	ID: 66	452	R	RunNo: 8	36803				
Prep Date:	3/28/2022	Analysis Da	ite: 3/	/29/2022	S	SeqNo: 3	3066792	Units: mg/K	g		

WO#: 2203C86

05-Apr-22

Client: Project:	GHD M Yates Fe	lidland ee AS Batte	ry								
Sample ID: N	IB-66452	SampT	ype: ME	BLK	Test	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: P	BS	Batch	n ID: 664	452	R	unNo: 86	6803				
Prep Date:	3/28/2022	Analysis D	ate: 3/	29/2022	S	eqNo: 30	066796	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Org	ganics (DRO)	ND	10								
Motor Oil Range	Organics (MRO)	ND	50								
Surr: DNOP		12		10.00		117	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

2203C86

05-Apr-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2203C86
	05-Apr-22

Client: GHD Mi	dland									
Sample ID: mb-66386	SampTyp	e: ME	3LK	les	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch IL): 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Date	e: 3/	25/2022	ç	SeqNo: 3	063856	Units: mg/K	(g		
Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 1100	5.0	1000		107	37.7	212			
Sample ID: Ics-66386	SampTyp	e: LC	s	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch II	D: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis Date	e: 3/	25/2022	5	SeqNo: 3	063857	Units: mg/K	(g		
Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2200		1000		224	37.7	212			S
Sample ID: Ics-66412	SampTyp	e: LC	s	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch II): 66	412	F	RunNo: 8	6795				
Prep Date: 3/25/2022	Analysis Date	e: 3/	28/2022	S	SeqNo: 3	065000	Units: mg/K	(g		
Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	5.0	25.00	0	124	72.3	137			-
Surr: BFB	2300		1000		231	37.7	212			S
Sample ID: mb-66412	SampTyp	e: ME	BLK	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch II	D: 66	412	F	RunNo: 8	6795				
Prep Date: 3/25/2022	Analysis Date	e: 3/	28/2022	5	SeqNo: 3	065001	Units: mg/K	(g		
Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	37.7	212			
Sample ID: 2203c86-008ams	SampTyp	e: MS	3	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: SW-22	Batch II	D: 66	412	F	RunNo: 8	6795				
Prep Date: 3/25/2022	Analysis Date	e: 3/	28/2022	S	SeqNo: 3	065021	Units: mg/K	ſg		
Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.8	24.13	0	115	70	130			-
Surr: BFB	2100		965.3		220	37.7	212			S
Sample ID: 2203c86-008ams	d SampTyp	e: MS	SD	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID: SW-22	Batch II	D: 66	412	F	RunNo: 8	6795				
Prep Date: 3/25/2022	Analysis Date	e: 3/	28/2022	5	SeqNo: 3	065022	Units: mg/K	(g		
Analyte	Result I	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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GHD Midland

Client:

Hall Environmental Analysis Laboratory, Inc.		05-Apr-22
	WO#:	2203086
X • • • • • • • • • • • • • • • • • • •	WO#	2202086

Project: Yates Fee	e AS Batter	7								
Sample ID: 2203c86-008amsc	I SampTy	pe: M	SD	Test	Code: E	PA Method	8015D: Gaso	line Rang	9	
Client ID: SW-22	Batch	D: 66	412	R	unNo: 8	86795				
Prep Date: 3/25/2022	Analysis Da	te: 3/	/28/2022	S	eqNo: 3	8065022	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.9	24.61	0	111	70	130	0.917	20	
Surr: BFB	2200		984.3		220	37.7	212	0	0	S

Qualifiers:

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

GHD Midland

Yates Fee AS Battery

Client:

Project:

Analyte

Sample ID: mb-66386

Prep Date: 3/24/2022

Client ID: PBS

QC SUMMARY REPORT Hall Environmental Analysis Labora

Result

SampType: MBLK

Batch ID: 66386

Analysis Date: 3/25/2022

							WO#:	2203C86
sis I	Laborat	ory, Inc.						2203C86 05-Apr-22 Qual
7								
be: M	BLK	Test	Code: El	PA Method	8021B: Volat	iles		
D: 66	386	R	unNo: 8	6765				
te: 3	/25/2022	S	eqNo: 3	063914	Units: mg/K	g		
PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
0.025								
0.050								

Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	70	130			
Sample ID: LCS-66386	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 66	386	F	RunNo: 8	6765				
Prep Date: 3/24/2022	Analysis [Date: 3/	25/2022	S	SeqNo: 3	063915	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	83.4	80	120			
Toluene	0.90	0.050	1.000	0	89.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.3	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			
Sample ID: Ics-66412	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 664	412	F	RunNo: 8	6795				
Prep Date: 3/25/2022	Analysis [Date: 3/	28/2022	S	SeqNo: 3	065042	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	85.3	80	120			
Toluene	0.89	0.050	1.000	0	88.9	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.6	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		85.8	70	130			
Sample ID: mb-66412	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 664	412	F	RunNo: 8	6795				
Prep Date: 3/25/2022	Analysis [Date: 3/	28/2022	5	SeqNo: 3	065043	Units: mg/k	ſg		
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		86.9	70	130			

Qualifiers:

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

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Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Project:	Yates Fee A	AS Battery	
Sample ID:	2203c86-009ams	SampType: MS	

GHD Midland

Client ID: SW-23	Batcl	h ID: 664	412	F	lunNo: 8	6795				
Prep Date: 3/25/2022	Analysis E	Date: 3/ 2	28/2022	S	eqNo: 3	065064	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	0.9921	0	81.0	68.8	120			
Toluene	0.84	0.050	0.9921	0	85.1	73.6	124			
Ethylbenzene	0.86	0.050	0.9921	0	87.1	72.7	129			
Xylenes, Total	2.6	0.099	2.976	0	86.9	75.7	126			
Surr: 4-Bromofluorobenzene	0.82		0.9921		82.3	70	130			
Sample ID: 2203c86-009amsd	I Samp1	Гуре: МS	D	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: SW-23 Batch ID: 66412 RunNo: 86795										
Prep Date: 3/25/2022	Analysis E	Date: 3/ 2	28/2022	S	eqNo: 3	065065	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	0.9901	0	82.3	68.8	120	1.39	20	
Toluene	0.86	0.050	0.9901	0	87.0	73.6	124	1.93	20	
Ethylbenzene	0.88	0.050	0.9901	0	89.1	72.7	129	1.99	20	
Xylenes, Total	2.6	0.099	2.970	0	88.9	75.7	126	2.09	20	
Surr: 4-Bromofluorobenzene	0.84		0 0001		84.8	70	130	0	0	
	0.04		0.3301		04.0	10	100	0	0	

TestCode: EPA Method 8021B: Volatiles

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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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WO#: 2203C86

05-Apr-22

HALL ENVIR ANAL LABOI	CONMENTAL YSIS Ratory	Hall Environmenta All TEL: 505-345-397. Website: clients.h	l Anal 49 nuquer 5 FAX allenv	vsis Labo 01 Hawki que, NM : 505-345 ironmenta	ratory ns NE 87109 -4107 il.com	Sar	nple Log-In Check List
Client Name:	GHD Midland	Work Order Number	220	3C86			RcptNo: 1
Received By:	Cheyenne Cason	3/24/2022 7:30:00 AM			Chul	1	
Completed By:	Desiree Dominguez	3/24/2022 9:35:19 AM			T		
Reviewed By:	cm	3hule			1-1-2-	R	
Chain of Cus	tody						
1. Is Chain of Cu	ustody complete?		Yes	~	No		Not Present
2. How was the	sample delivered?		Cou	rier			
Log In							
3. Was an attem	pt made to cool the sample	s?	Yes		No		
4. Were all samp	les received at a temperatu	re of >0° C to 6.0°C	Yes	•	No		
5. Sample(s) in p	proper container(s)?		Yes		No		
6. Sufficient samp	ole volume for indicated test	(s)?	Yes	~	No		
7. Are samples (e	except VOA and ONG) prop	erly preserved?	Ves		No		
8. Was preservat	ive added to bottles?		Yes		No	~	NA
9. Received at lea	ast 1 vial with headspace <1	/4" for AO VOA2	Voc		No	7	
10. Were any sam	ple containers received bro	ken?	Ves		No		NA 💌
			163		NU		# of preserved
11. Does paperwor (Note discrepa)	k match bottle labels?		Yes	V	No [for pH:
2. Are matrices co	prectly identified on Chain of	of Custody?	Voc	~	No	1	(<2 or >12 unless noted) Adjusted?
3. Is it clear what	analyses were requested?	, ouslody:	Ves		No [Ä.	/
14. Were all holding	g times able to be met?		Yes	V	No	ā.	Checked by: 3/14/22
(If no, notify cus	stomer for authorization.)					/	901
Special Handlin	ng (if applicable)				/		
15. Was client noti	fied of all discrepancies with	this order?	Yes		No		NA 🗸
Person N	lotified:	Date:	_			-	
By Whon	n:	Via:	eMa		hone 🗔 I	Fax	
Regardin	g:						
Client Ins	structions:			_			
16. Additional rem	arks:						
7. <u>Cooler Inform</u> Cooler No	nation Temp °C Condition	Seal Intact Seal No Se	eal Da	ite	Signed By	y	

Mailing Address: 324 W. Main St. Phone #: (email or Fax#: F													
Mailing Address: 324 W. Main St. Phone #: email or Fax#:			Standard	X	5 Daws			HAL		INN	RO	LNIMN	AL
Mailing Address: 324 W. Main St. Phone #: email or Fax#:			Project Name:	ISNAN	2			ANA	LYS	SI	LAE	ORATO	DRY
324 W. Main St. Phone #: email or Fax#:			Yoti E.	A C R.	-]	1	h.www.h	allenvi	ronmei	ntal.co	ε	
Phone #: (Suite 10	08, Artesia NM 88210	Project #:	No of	(m)	490	01 Hawk	ins NE	- Albu	nduerq	ue, NN	1 87109	
email or Fax#	(505)37	7-4218	11228401			Te	I. 505-3	45-3975	LL I	ax 505	5-345-	4107	
	Becky.H	askell@ghd.com	Project Manado						Analys	sis Re	quest		
QA/QC Package:			Becky Hashall	-		ON CO	-		[*] Os	-	(ţu		
Standard		Level 4 (Full Validation)	Tom Larson			(802) 1003	CB,a	SMI	S '⁺C	•	əsq		
Accreditation:	D Az Co	mpliance	Sampler: Za	Ich Comino		N DKO	9 280 ۱)	S0728	0 ⁵ ' b	-	//luəs	(00	
🗆 EDD (Type)			# of Contare: 1	Yes	No	оы / 1	709 8/se	or l	N ''	(40	Pre	S D	
			Cooler Temp(indu	ding CF): 1, 2	1121.0-		ticide	0158 Metal	ON	(A	orm	Jula	
Date Time N	Aatrix	Sample Name	Container Pre Type and # Tvi	eservative	DOHEAL NG.	EX / 1	81 Pes	vd sH.	F, Br,	OV) 07	al Colifi deide la	1 2000	
3252 1335	5	BH-121	3.0		000000	E E	EC 80	RC	'iD	852	Tot		-
1330	-	BM-122			1001	× -	1	+			\times		_
1335		BM-123			1002		1	-	1				L.
1341p		SW - 18			100-		1	+	+	-	-		
1395		5M-19		T	Loc			-	+		-		
1350		54-20		T	SUD-		1	-	+		-		
1325		5W-21			900-		1	-	+	1	+		
0061		SW-22			430-			1	+	1	+		
1405		52-23			000		1	1	-	1	+		_
1410		5W-24		60	LOO-			1	+	1	+		
5141 7	>	54-25	>		-011	+	1		+		+		
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046/ 20/2	acu	a contra	the row	10/0	12. (721)	Amb	er_Griffi	n@eog	resourd	ces.col	n: Alo	ng with Becky	•



April 18, 2022

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

OrderNo.: 2204061

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates AS Fee

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/2/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BI	HX-1	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	30/2022 12:30:00 PM	
Lab ID:	2204061-001	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	CAS
Chloride		2900	150	mg/Kg	50	4/7/2022 12:24:48 PM	66597
EPA MET	HOD 8015M/D: DIESEL RANG	SE ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	670	48	mg/Kg	5	4/6/2022 1:49:24 PM	66650
Motor Oi	l Range Organics (MRO)	350	240	mg/Kg	5	4/6/2022 1:49:24 PM	66650
Surr: [DNOP	74.0	51.1-141	%Rec	5	4/6/2022 1:49:24 PM	66650
EPA MET	HOD 8015D: GASOLINE RAN	GE				Analyst	BRM
Gasoline	Range Organics (GRO)	5.1	3.1	mg/Kg	1	4/2/2022 11:55:00 PM	A86939
Surr: E	3FB	208	37.7-212	%Rec	1	4/2/2022 11:55:00 PM	A86939
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.016	mg/Kg	1	4/2/2022 11:55:00 PM	C86939
Toluene		ND	0.031	mg/Kg	1	4/2/2022 11:55:00 PM	C86939
Ethylben	zene	ND	0.031	mg/Kg	1	4/2/2022 11:55:00 PM	C86939
Xylenes,	Total	ND	0.062	mg/Kg	1	4/2/2022 11:55:00 PM	C86939
Surr: 4	1-Bromofluorobenzene	98.9	70-130	%Rec	1	4/2/2022 11:55:00 PM	C86939

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland		Client Sample ID: BHX-2										
Project:	Yates AS Fee		Collection Date: 3/30/2022 12:35:00 PM										
Lab ID:	2204061-002	Matrix: SOIL	Matrix: SOIL Received Date: 4/2/2022 10:00:00										
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch					
EPA MET	HOD 300.0: ANIONS						Analyst	CAS					
Chloride		3300	150		mg/Kg	50	4/7/2022 12:37:08 PM	66597					
EPA MET	HOD 8015M/D: DIESEL RAM	IGE ORGANICS					Analyst	SB					
Diesel R	ange Organics (DRO)	1400	46		mg/Kg	5	4/6/2022 2:10:37 PM	66650					
Motor Oi	I Range Organics (MRO)	520	230		mg/Kg	5	4/6/2022 2:10:37 PM	66650					
Surr: [ONOP	102	51.1-141		%Rec	5	4/6/2022 2:10:37 PM	66650					
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RA	NGE					Analyst	BRM					
Gasoline	Range Organics (GRO)	16	3.2		mg/Kg	1	4/3/2022 12:15:00 AM	A86939					
Surr: E	3FB	214	37.7-212	S	%Rec	1	4/3/2022 12:15:00 AM	A86939					
ΕΡΑ ΜΕΤ	HOD 8021B: VOLATILES						Analyst	BRM					
Benzene		ND	0.016		mg/Kg	1	4/3/2022 12:15:00 AM	C86939					
Toluene		ND	0.032		mg/Kg	1	4/3/2022 12:15:00 AM	C86939					
Ethylben	zene	0.038	0.032		mg/Kg	1	4/3/2022 12:15:00 AM	C86939					
Xylenes,	Total	ND	0.065		mg/Kg	1	4/3/2022 12:15:00 AM	C86939					
Surr: 4	4-Bromofluorobenzene	135	70-130	S	%Rec	1	4/3/2022 12:15:00 AM	C86939					

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland	Client Sample ID: BHX-3									
Project:	Yates AS Fee	Collection Date: 3/30/2022 12:40:00 PM									
Lab ID:	2204061-003	Matrix: SOIL	Matrix: SOIL Received Date: 4/2/2022 10:00:								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analyst	CAS				
Chloride		3500	150	mg/Kg	50	4/7/2022 12:49:29 PM	66597				
EPA MET	THOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	SB				
Diesel R	ange Organics (DRO)	1200	49	mg/Kg	5	4/6/2022 2:31:54 PM	66650				
Motor Oi	l Range Organics (MRO)	500	240	mg/Kg	5	4/6/2022 2:31:54 PM	66650				
Surr: [DNOP	52.6	51.1-141	%Rec	5	4/6/2022 2:31:54 PM	66650				
ΕΡΑ ΜΕΤ	THOD 8015D: GASOLINE RAN	IGE				Analyst	BRM				
Gasoline	e Range Organics (GRO)	5.5	3.5	mg/Kg	1	4/3/2022 12:35:00 AM	A86939				
Surr: E	BFB	195	37.7-212	%Rec	1	4/3/2022 12:35:00 AM	A86939				
ΕΡΑ ΜΕΤ	THOD 8021B: VOLATILES					Analyst	BRM				
Benzene)	ND	0.018	mg/Kg	1	4/3/2022 12:35:00 AM	C86939				
Toluene		ND	0.035	mg/Kg	1	4/3/2022 12:35:00 AM	C86939				
Ethylben	izene	ND	0.035	mg/Kg	1	4/3/2022 12:35:00 AM	C86939				
Xylenes,	Total	ND	0.071	mg/Kg	1	4/3/2022 12:35:00 AM	C86939				
Surr: 4	4-Bromofluorobenzene	98.2	70-130	%Rec	1	4/3/2022 12:35:00 AM	C86939				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BI	HX-4						
Project:	Yates AS Fee		Collection Date: 3/30/2022 12:45:00 PM									
Lab ID:	2204061-004	Matrix: SOIL	Matrix: SOIL Received Date: 4/2/2022 10:00:00 AM									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA MET	THOD 300.0: ANIONS					Analyst	MRA					
Chloride		1200	60	mg/Kg	20	4/4/2022 5:29:52 PM	66597					
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	SB					
Diesel R	ange Organics (DRO)	610	20	mg/Kg	2	4/6/2022 2:53:11 PM	66650					
Motor Oi	l Range Organics (MRO)	300	98	mg/Kg	2	4/6/2022 2:53:11 PM	66650					
Surr: I	DNOP	96.3	51.1-141	%Rec	2	4/6/2022 2:53:11 PM	66650					
EPA MET	THOD 8015D: GASOLINE RAM	NGE				Analyst	BRM					
Gasoline	e Range Organics (GRO)	ND	3.4	mg/Kg	1	4/3/2022 12:54:00 AM	A86939					
Surr: I	BFB	120	37.7-212	%Rec	1	4/3/2022 12:54:00 AM	A86939					
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM					
Benzene		ND	0.017	mg/Kg	1	4/3/2022 12:54:00 AM	C86939					
Toluene		ND	0.034	mg/Kg	1	4/3/2022 12:54:00 AM	C86939					
Ethylben	izene	ND	0.034	mg/Kg	1	4/3/2022 12:54:00 AM	C86939					
Xylenes,	Total	ND	0.068	mg/Kg	1	4/3/2022 12:54:00 AM	C86939					
Surr: 4	4-Bromofluorobenzene	81.8	70-130	%Rec	1	4/3/2022 12:54:00 AM	C86939					

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland	Client Sample ID: BHX-5									
Project:	Yates AS Fee	Collection Date: 3/30/2022 12:50:00 PM									
Lab ID:	2204061-005	Matrix: SOIL Received Date: 4/2/2022 10:00:00 AM									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	MRA				
Chloride		1100	60	mg/Kg	20	4/4/2022 5:42:16 PM	66597				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel Ra	ange Organics (DRO)	160	9.5	mg/Kg	1	4/6/2022 3:24:56 PM	66650				
Motor Oi	I Range Organics (MRO)	82	48	mg/Kg	1	4/6/2022 3:24:56 PM	66650				
Surr: D	ONOP	91.5	51.1-141	%Rec	1	4/6/2022 3:24:56 PM	66650				
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	4.3	mg/Kg	1	4/3/2022 1:14:00 AM	A86939				
Surr: E	3FB	100	37.7-212	%Rec	1	4/3/2022 1:14:00 AM	A86939				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.022	mg/Kg	1	4/3/2022 1:14:00 AM	C86939				
Toluene		ND	0.043	mg/Kg	1	4/3/2022 1:14:00 AM	C86939				
Ethylben	zene	ND	0.043	mg/Kg	1	4/3/2022 1:14:00 AM	C86939				
Xylenes,	Total	ND	0.087	mg/Kg	1	4/3/2022 1:14:00 AM	C86939				
Surr: 4	1-Bromofluorobenzene	80.5	70-130	%Rec	1	4/3/2022 1:14:00 AM	C86939				

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

Qualifiers:

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- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	IX-6						
Project:	Yates AS Fee	Collection Date: 3/30/2022 12:55:00 PM										
Lab ID:	2204061-006	Matrix: SOIL	Matrix: SOIL Received Date: 4/2/2022 10:00:00 AM									
Analyses		Result	RL	Qual Units	DF	Date Ana	lyzed	Batch				
EPA MET	HOD 300.0: ANIONS						Analyst:	CAS				
Chloride		7200	300	mg/Kg	100	4/7/2022 1	:01:49 PM	66597				
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst:	SB				
Diesel Ra	ange Organics (DRO)	440	9.6	mg/Kg	1	4/5/2022 1	0:18:28 AM	66612				
Motor Oi	Range Organics (MRO)	200	48	mg/Kg	1	4/5/2022 1	0:18:28 AM	66612				
Surr: E	DNOP	110	51.1-141	%Rec	1	4/5/2022 1	0:18:28 AM	66612				
EPA MET	HOD 8015D: GASOLINE RANG	GE					Analyst:	BRM				
Gasoline	Range Organics (GRO)	3.8	3.0	mg/Kg	1	4/3/2022 1	:34:00 AM	A86939				
Surr: E	3FB	169	37.7-212	%Rec	1	4/3/2022 1	:34:00 AM	A86939				
EPA MET	HOD 8021B: VOLATILES						Analyst:	BRM				
Benzene		ND	0.015	mg/Kg	1	4/3/2022 1	:34:00 AM	C86939				
Toluene		ND	0.030	mg/Kg	1	4/3/2022 1	:34:00 AM	C86939				
Ethylben	zene	ND	0.030	mg/Kg	1	4/3/2022 1	:34:00 AM	C86939				
Xylenes,	Total	ND	0.061	mg/Kg	1	4/3/2022 1	:34:00 AM	C86939				
Surr: 4	1-Bromofluorobenzene	91.5	70-130	%Rec	1	4/3/2022 1	:34:00 AM	C86939				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland	Client Sample ID: BHX-7									
Project:	Yates AS Fee	Collection Date: 3/30/2022 1:00:00 PM									
Lab ID:	2204061-007	Matrix: SOIL		Received Date	e: 4/2	/2022 10:00:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	CAS				
Chloride		6600	300	mg/Kg	100) 4/7/2022 1:14:10 PM	66597				
EPA MET	HOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst	SB				
Diesel R	ange Organics (DRO)	300	9.3	mg/Kg	1	4/5/2022 11:58:26 AM	66612				
Motor Oi	I Range Organics (MRO)	150	46	mg/Kg	1	4/5/2022 11:58:26 AM	66612				
Surr: [ONOP	88.8	51.1-141	%Rec	1	4/5/2022 11:58:26 AM	66612				
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	3.7	mg/Kg	1	4/3/2022 1:53:00 AM	A86939				
Surr: E	3FB	152	37.7-212	%Rec	1	4/3/2022 1:53:00 AM	A86939				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.019	mg/Kg	1	4/3/2022 1:53:00 AM	C86939				
Toluene		ND	0.037	mg/Kg	1	4/3/2022 1:53:00 AM	C86939				
Ethylben	zene	ND	0.037	mg/Kg	1	4/3/2022 1:53:00 AM	C86939				
Xylenes,	Total	ND	0.074	mg/Kg	1	4/3/2022 1:53:00 AM	C86939				
Surr: 4	4-Bromofluorobenzene	87.8	70-130	%Rec	1	4/3/2022 1:53:00 AM	C86939				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BF	HX-8					
Project:	Yates AS Fee	Collection Date: 3/30/2022 1:05:00 PM									
Lab ID:	2204061-008	Matrix: SOIL	2/2022 10:00:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	ЈМТ				
Chloride		1800	61	mg/Kg	20	4/5/2022 2:02:40 PM	66637				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel Ra	ange Organics (DRO)	220	9.5	mg/Kg	1	4/5/2022 10:42:30 AM	66612				
Motor Oi	I Range Organics (MRO)	120	47	mg/Kg	1	4/5/2022 10:42:30 AM	66612				
Surr: [DNOP	115	51.1-141	%Rec	1	4/5/2022 10:42:30 AM	66612				
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	3.1	mg/Kg	1	4/3/2022 2:13:00 AM	A86939				
Surr: E	3FB	108	37.7-212	%Rec	1	4/3/2022 2:13:00 AM	A86939				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.016	mg/Kg	1	4/3/2022 2:13:00 AM	C86939				
Toluene		ND	0.031	mg/Kg	1	4/3/2022 2:13:00 AM	C86939				
Ethylben	zene	ND	0.031	mg/Kg	1	4/3/2022 2:13:00 AM	C86939				
Xylenes,	Total	ND	0.063	mg/Kg	1	4/3/2022 2:13:00 AM	C86939				
Surr: 4	1-Bromofluorobenzene	83.0	70-130	%Rec	1	4/3/2022 2:13:00 AM	C86939				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	-IX-9					
Project:	Yates AS Fee	Collection Date: 3/30/2022 1:10:00 PM									
Lab ID:	2204061-009	Matrix: SOIL	2/2022 10:00:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	ЈМТ				
Chloride		1900	60	mg/Kg	20	4/5/2022 2:15:05 PM	66637				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel R	ange Organics (DRO)	450	10	mg/Kg	1	4/5/2022 11:06:34 AM	66612				
Motor Oi	I Range Organics (MRO)	220	50	mg/Kg	1	4/5/2022 11:06:34 AM	66612				
Surr: [ONOP	116	51.1-141	%Rec	1	4/5/2022 11:06:34 AM	66612				
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	3.1	mg/Kg	1	4/3/2022 2:33:00 AM	A86939				
Surr: E	3FB	124	37.7-212	%Rec	1	4/3/2022 2:33:00 AM	A86939				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.016	mg/Kg	1	4/3/2022 2:33:00 AM	C86939				
Toluene		ND	0.031	mg/Kg	1	4/3/2022 2:33:00 AM	C86939				
Ethylben	zene	ND	0.031	mg/Kg	1	4/3/2022 2:33:00 AM	C86939				
Xylenes,	Total	ND	0.062	mg/Kg	1	4/3/2022 2:33:00 AM	C86939				
Surr: 4	4-Bromofluorobenzene	87.6	70-130	%Rec	1	4/3/2022 2:33:00 AM	C86939				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204061

Date Reported: 4/18/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	HX-10					
Project:	Yates AS Fee	Collection Date: 3/30/2022 1:15:00 PM									
Lab ID:	2204061-010	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	JMT				
Chloride		1900	60	mg/Kg	20	4/5/2022 2:27:29 PM	66637				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel Ra	nge Organics (DRO)	420	9.1	mg/Kg	1	4/5/2022 10:18:24 AM	66612				
Motor Oil	Range Organics (MRO)	190	46	mg/Kg	1	4/5/2022 10:18:24 AM	66612				
Surr: D	NOP	97.7	51.1-141	%Rec	1	4/5/2022 10:18:24 AM	66612				
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	3.2	mg/Kg	1	4/3/2022 2:53:00 AM	A86939				
Surr: B	FB	123	37.7-212	%Rec	1	4/3/2022 2:53:00 AM	A86939				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.016	mg/Kg	1	4/3/2022 2:53:00 AM	R86939				
Toluene		ND	0.032	mg/Kg	1	4/3/2022 2:53:00 AM	R86939				
Ethylbenz	zene	ND	0.032	mg/Kg	1	4/3/2022 2:53:00 AM	R86939				
Xylenes,	Total	ND	0.063	mg/Kg	1	4/3/2022 2:53:00 AM	R86939				
Surr: 4	-Bromofluorobenzene	85.8	70-130	%Rec	1	4/3/2022 2:53:00 AM	R86939				

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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QC SU Hall En	MM viron	ARY REPORT mental Analysis I	Laborat	ory, Inc.					WO#:	2204061 18-Apr-22
Client: Project:	(HD Midland ates AS Fee								
Sample ID:	MB-6659	7 SampType: ml	olk	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch ID: 66	597	F	RunNo: 8	86968				
Prep Date:	4/4/202	Analysis Date: 4/	4/2022	S	SeqNo: 3	8073845	Units: mg/K	g		
Analyte Chloride		Result PQL ND 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID:	LCS-665	97 SampType: Ics	3	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch ID: 66	597	F	RunNo: 8	86968				
Prep Date:	4/4/202	Analysis Date: 4/	4/2022	5	SeqNo: 3	8073846	Units: mg/K	(g		
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			
Sample ID:	MB-6663	7 SampType: ml	olk	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch ID: 66	637	F	RunNo: 8	86993				
Prep Date:	4/5/202	Analysis Date: 4/	5/2022	5	SeqNo: 3	8075207	Units: mg/K	(g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-666	37 SampType: Ics	\$	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch ID: 66	637	F	RunNo: 8	86993				
Prep Date:	4/5/202	2 Analysis Date: 4/	5/2022	Ś	SeqNo: 3	8075208	Units: mg/K	(g		

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit 14 15.00 0 92.9 90 Chloride 1.5 110

Qualifiers:

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

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RPDLimit

Qual

%RPD

GHD Midland

Yates AS Fee

Client:

Project:

Sample ID: 2204061-001AMS

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: MS

Client ID:	BHX-1	Batch	n ID: 66	612	F	RunNo: 8	6990				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	S	SeqNo: 3	074035	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	750	9.9	49.70	627.7	246	36.1	154			S
Surr: DNOP		4.2		4.970		85.0	51.1	141			
Sample ID:	2204061-001AMSE) SampT	ype: M	SD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	BHX-1	Batch	n ID: 66	612	F	RunNo: 8	6990				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	5	SeqNo: 30	074036	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	780	9.9	49.70	627.7	316	36.1	154	4.51	33.9	S
Surr: DNOP		4.4		4.970		87.5	51.1	141	0	0	
Sample ID:	MB-66612	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	n ID: 66	612	F	RunNo: 8	6991				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	5	SeqNo: 30	074090	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		26		10.00		256	51.1	141			S
Sample ID:	LCS-66612	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 66	612	F	RunNo: 8	6991				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	5	SeqNo: 30	074094	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	53	10	50.00	0	106	68.9	135			
Surr: DNOP		5.3		5.000		106	51.1	141			
Sample ID:	MB-66650	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	n ID: 66	650	F	RunNo: 87	7033				
Prep Date:	4/5/2022	Analysis D	ate: 4/	6/2022	5	SeqNo: 30	075736	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		8.6		10.00		86.1	51.1	141			

Qualifiers:

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

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WO#: 2204061 18-Apr-22

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client: Project:	GHD Midland Yates AS Fee										
Sample ID: LCS-666	50 Samp	Type: LC	S	Test	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: LCSS	Batc	h ID: 66	650	R	unNo: 87	7033					
Prep Date: 4/5/202	2 Analysis [Date: 4/	6/2022	S	eqNo: 30	075737	Units: mg/K	٤g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (D	RO) 48	10	50.00	0	96.4	68.9	135				_
Surr: DNOP	4.2		5.000		84.5	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

2204061

18-Apr-22

WO#:

GHD Midland

Client:

Project: Yates A	S Fee										
Sample ID: 2.5ug gro Ics	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e		
Client ID: LCSS	Batcl	n ID: A8	6939	F	RunNo: 8	6939					
Prep Date:	Analysis D	Date: 4/	/2/2022	S	SeqNo: 3	071760	Units: mg/H	٢g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	29	5.0	25.00	0	114	72.3	137				
Surr: BFB	2200		1000		225	37.7	212			S	
Sample ID: mb	SampT	уре: М	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e		
Client ID: PBS	Batcl	n ID: A8	6939	F	RunNo: 8	6939					
Prep Date:	Analysis D	Date: 4/	/2/2022	S	SeqNo: 3	071761	Units: mg/H	٤g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Surr: BFB	1100		1000		105	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

2204061

18-Apr-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	GHD Midland
Project:	Yates AS Fee

Sample ID: 100ng btex Ics	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: C8	6939	F	RunNo: 8	6939				
Prep Date:	Analysis E	Date: 4/	2/2022	5	SeqNo: 3	071804	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	90.5	80	120			
Toluene	0.93	0.050	1.000	0	92.9	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.3	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.2	70	130			
Sample ID: mb	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: C8	6939	F	RunNo: 8	6939				
Prep Date:	Analysis E	Date: 4/	2/2022	5	SeqNo: 3	071805	Units: mg/K	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbonzono		0.050								
Luiyibenzene	ND	0.050								
Xylenes, Total	ND	0.030								

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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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WO#: **2204061**

18-Apr-22

ANALYSIS LABORATORY	ill Environmental A Albuq EL: 505-345-3975 F Website: www.hall	nalysis 4901 H uerque, AX: 505 privironi	Laboratory lawkins NE NM 87109 I-345-4107 nental.com	Sa	mple Log-In C	heck List
Client Name: GHD Midland Work	Order Number: 2	20406	1		RcptNo:	1
Received By: Tracy Casarrubias 4/2/202	2 10:00:00 AM					
Completed By: Tracy Casarrubias 4/2/202 Reviewed By: fr oy しょ / スロユス	2 11:16:09 AM					
Chain of Custody						
1. Is Chain of Custody complete?	Y	es 🗸	N	lo 🗆	Not Present	
2. How was the sample delivered?	<u>c</u>	ourier				
Log In						
3. Was an attempt made to cool the samples?	Y	es 🔽	N	o 🗌		
4. Were all samples received at a temperature of $>0^\circ$ C	to 6.0°C Y	es 🔽	N	o 🗆	NA 🗌	
5. Sample(s) in proper container(s)?	Y	es 🔽	N	•		
6. Sufficient sample volume for indicated test(s)?	Ye	s 🗸	No			
7. Are samples (except VOA and ONG) properly preserve	d? Ye	s 🗸	No			
8. Was preservative added to bottles?	Ye	s 🗌	No		NA 🗌	
9. Received at least 1 vial with headspace <1/4" for AQ V	OA? Ye	s 🗆	No			
10. Were any sample containers received broken?	Ye	s 🗆	No		# . f	/
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Ye	s 🔽	No		# of preserved bottles checked for pH:	12 uplace sector di
2. Are matrices correctly identified on Chain of Custody?	Ye	s 🗸	No		Adjusted?	12 unless noted)
3. Is it clear what analyses were requested?	Ye	s 🗸	No			
4. Were all holding times able to be met? (If no. notify customer for authorization.)	Ye	s 🔽	No		Checked by: T	ue 4/111
pecial Handling (if applicable)				1		
15. Was client notified of all discrepancies with this order?	Ye	s 🗌	No		NA 🔽	
Person Notified:	Date:			_		
By Whom:	Via: 🗌 e	Mail [Phone	Fax		
Regarding:		L		1.244		
Client Instructions:						
16. Additional remarks:						
7. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Intact	Seal No Seal	Date	Signed	Ву		
1 4.7 Good Yes			3544			

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April 12, 2022

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

OrderNo.: 2204069

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates AS Fee

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 19 sample(s) on 4/2/2022 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,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109
Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II):SV	VX-1	
Project:	Yates AS Fee		(Collection Date	e: 3/3	30/2022 1:30:00 PM	
Lab ID:	2204069-001	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		840	60	mg/Kg	20	4/8/2022 5:30:39 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.1	mg/Kg	1	4/6/2022 5:57:10 PM	66640
Motor Oil	Range Organics (MRO)	ND	46	mg/Kg	1	4/6/2022 5:57:10 PM	66640
Surr: E	DNOP	82.2	51.1-141	%Rec	1	4/6/2022 5:57:10 PM	66640
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	4/6/2022 12:02:00 PM	66613
Surr: E	3FB	105	37.7-212	%Rec	1	4/6/2022 12:02:00 PM	66613
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	4/6/2022 12:02:00 PM	66613
Toluene		ND	0.049	mg/Kg	1	4/6/2022 12:02:00 PM	66613
Ethylben	zene	ND	0.049	mg/Kg	1	4/6/2022 12:02:00 PM	66613
Xylenes,	Total	ND	0.098	mg/Kg	1	4/6/2022 12:02:00 PM	66613
Surr: 4	I-Bromofluorobenzene	83.5	70-130	%Rec	1	4/6/2022 12:02:00 PM	66613

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

Qualifiers:

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

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Hall	Environmental	Analysis	Laboratory,	Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT: GHD Midland		Cl	ient Sample II):SV	VX-2	
Project: Yates AS Fee		(Collection Date	e: 3/3	80/2022 1:35:00 PM	
Lab ID: 2204069-002	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	870	60	mg/Kg	20	4/8/2022 6:07:54 PM	66731
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/6/2022 6:21:20 PM	66640
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/6/2022 6:21:20 PM	66640
Surr: DNOP	83.1	51.1-141	%Rec	1	4/6/2022 6:21:20 PM	66640
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/6/2022 12:22:00 PM	66613
Surr: BFB	102	37.7-212	%Rec	1	4/6/2022 12:22:00 PM	66613
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.024	mg/Kg	1	4/6/2022 12:22:00 PM	66613
Toluene	ND	0.049	mg/Kg	1	4/6/2022 12:22:00 PM	66613
Ethylbenzene	ND	0.049	mg/Kg	1	4/6/2022 12:22:00 PM	66613
Xylenes, Total	ND	0.097	mg/Kg	1	4/6/2022 12:22:00 PM	66613
Surr: 4-Bromofluorobenzene	82.8	70-130	%Rec	1	4/6/2022 12:22:00 PM	66613

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II):SV	VX-3	
Project:	Yates AS Fee		(Collection Date	e: 3/3	80/2022 1:40:00 PM	
Lab ID:	2204069-003	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		740	60	mg/Kg	20	4/8/2022 6:20:19 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.8	mg/Kg	1	4/6/2022 6:45:44 PM	66640
Motor Oil	Range Organics (MRO)	ND	49	mg/Kg	1	4/6/2022 6:45:44 PM	66640
Surr: D	DNOP	82.0	51.1-141	%Rec	1	4/6/2022 6:45:44 PM	66640
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/6/2022 12:41:00 PM	66613
Surr: E	3FB	99.0	37.7-212	%Rec	1	4/6/2022 12:41:00 PM	66613
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	4/6/2022 12:41:00 PM	66613
Toluene		ND	0.050	mg/Kg	1	4/6/2022 12:41:00 PM	66613
Ethylben	zene	ND	0.050	mg/Kg	1	4/6/2022 12:41:00 PM	66613
Xylenes,	Total	ND	0.10	mg/Kg	1	4/6/2022 12:41:00 PM	66613
Surr: 4	I-Bromofluorobenzene	81.1	70-130	%Rec	1	4/6/2022 12:41:00 PM	66613

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	VX-4	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	30/2022 1:45:00 PM	
Lab ID:	2204069-004	Matrix: SOIL		Received Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		720	60	mg/Kg	20	4/8/2022 6:32:44 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.8	mg/Kg	1	4/6/2022 7:10:07 PM	66640
Motor Oil	Range Organics (MRO)	ND	49	mg/Kg	1	4/6/2022 7:10:07 PM	66640
Surr: E	DNOP	84.0	51.1-141	%Rec	1	4/6/2022 7:10:07 PM	66640
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	4/6/2022 1:01:00 PM	66613
Surr: E	3FB	99.7	37.7-212	%Rec	1	4/6/2022 1:01:00 PM	66613
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.023	mg/Kg	1	4/6/2022 1:01:00 PM	66613
Toluene		ND	0.046	mg/Kg	1	4/6/2022 1:01:00 PM	66613
Ethylben	zene	ND	0.046	mg/Kg	1	4/6/2022 1:01:00 PM	66613
Xylenes,	Total	ND	0.092	mg/Kg	1	4/6/2022 1:01:00 PM	66613
Surr: 4	1-Bromofluorobenzene	82.3	70-130	%Rec	1	4/6/2022 1:01:00 PM	66613

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	VX-5	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	30/2022 1:50:00 PM	
Lab ID:	2204069-005	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		650	60	mg/Kg	20	4/8/2022 6:45:09 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	4/6/2022 7:34:27 PM	66640
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	4/6/2022 7:34:27 PM	66640
Surr: [ONOP	89.8	51.1-141	%Rec	1	4/6/2022 7:34:27 PM	66640
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	4/6/2022 1:21:00 PM	66613
Surr: E	3FB	101	37.7-212	%Rec	1	4/6/2022 1:21:00 PM	66613
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	4/6/2022 1:21:00 PM	66613
Toluene		ND	0.048	mg/Kg	1	4/6/2022 1:21:00 PM	66613
Ethylben	zene	ND	0.048	mg/Kg	1	4/6/2022 1:21:00 PM	66613
Xylenes,	Total	ND	0.097	mg/Kg	1	4/6/2022 1:21:00 PM	66613
Surr: 4	4-Bromofluorobenzene	82.5	70-130	%Rec	1	4/6/2022 1:21:00 PM	66613

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

-							
CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	VX-6	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	30/2022 1:55:00 PM	
Lab ID:	2204069-006	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		720	60	mg/Kg	20	4/8/2022 6:57:33 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	4/6/2022 7:58:39 PM	66640
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	4/6/2022 7:58:39 PM	66640
Surr: [ONOP	85.3	51.1-141	%Rec	1	4/6/2022 7:58:39 PM	66640
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	4/5/2022 4:16:00 PM	66615
Surr: E	3FB	95.1	37.7-212	%Rec	1	4/5/2022 4:16:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	4/5/2022 4:16:00 PM	66615
Toluene		ND	0.048	mg/Kg	1	4/5/2022 4:16:00 PM	66615
Ethylben	zene	ND	0.048	mg/Kg	1	4/5/2022 4:16:00 PM	66615
Xylenes,	Total	ND	0.096	mg/Kg	1	4/5/2022 4:16:00 PM	66615
Surr: 4	4-Bromofluorobenzene	78.1	70-130	%Rec	1	4/5/2022 4:16:00 PM	66615

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	VX-7	
Project:	Yates AS Fee		(Collection Date	e: 3/3	80/2022 2:00:00 PM	
Lab ID:	2204069-007	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		710	60	mg/Kg	20	4/8/2022 7:09:57 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.5	mg/Kg	1	4/6/2022 9:35:32 PM	66654
Motor Oil	Range Organics (MRO)	ND	47	mg/Kg	1	4/6/2022 9:35:32 PM	66654
Surr: D	DNOP	83.8	51.1-141	%Rec	1	4/6/2022 9:35:32 PM	66654
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/5/2022 5:15:00 PM	66615
Surr: E	3FB	96.9	37.7-212	%Rec	1	4/5/2022 5:15:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	4/5/2022 5:15:00 PM	66615
Toluene		ND	0.050	mg/Kg	1	4/5/2022 5:15:00 PM	66615
Ethylben	zene	ND	0.050	mg/Kg	1	4/5/2022 5:15:00 PM	66615
Xylenes,	Total	ND	0.099	mg/Kg	1	4/5/2022 5:15:00 PM	66615
Surr: 4	I-Bromofluorobenzene	79.8	70-130	%Rec	1	4/5/2022 5:15:00 PM	66615

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	VX-8					
Project:	Yates AS Fee	Collection Date: 3/30/2022 2:05:00 PM									
Lab ID:	2204069-008	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	MRA				
Chloride		820	60	mg/Kg	20	4/8/2022 7:47:13 PM	66732				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED				
Diesel Ra	ange Organics (DRO)	ND	9.5	mg/Kg	1	4/6/2022 10:47:58 PM	66654				
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	4/6/2022 10:47:58 PM	66654				
Surr: D	DNOP	86.6	51.1-141	%Rec	1	4/6/2022 10:47:58 PM	66654				
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	4/5/2022 6:14:00 PM	66615				
Surr: E	3FB	97.3	37.7-212	%Rec	1	4/5/2022 6:14:00 PM	66615				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.024	mg/Kg	1	4/5/2022 6:14:00 PM	66615				
Toluene		ND	0.048	mg/Kg	1	4/5/2022 6:14:00 PM	66615				
Ethylben	zene	ND	0.048	mg/Kg	1	4/5/2022 6:14:00 PM	66615				
Xylenes,	Total	ND	0.096	mg/Kg	1	4/5/2022 6:14:00 PM	66615				
Surr: 4	1-Bromofluorobenzene	80.8	70-130	%Rec	1	4/5/2022 6:14:00 PM	66615				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland	Client Sample ID: SWX-9									
Project:	Yates AS Fee	Collection Date: 3/30/2022 2:10:00 PM									
Lab ID:	2204069-009	Matrix: SOIL		Received Dat	e: 4/2	2/2022 10:00:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analyst	MRA				
Chloride		780	60	mg/Kg	20	4/8/2022 8:49:17 PM	66732				
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED				
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	4/6/2022 11:12:02 PM	66654				
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	4/6/2022 11:12:02 PM	66654				
Surr: I	DNOP	87.6	51.1-141	%Rec	1	4/6/2022 11:12:02 PM	66654				
EPA MET	THOD 8015D: GASOLINE RANGE					Analyst	BRM				
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2022 6:34:00 PM	66615				
Surr: I	BFB	100	37.7-212	%Rec	1	4/5/2022 6:34:00 PM	66615				
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM				
Benzene	9	ND	0.025	mg/Kg	1	4/5/2022 6:34:00 PM	66615				
Toluene		ND	0.049	mg/Kg	1	4/5/2022 6:34:00 PM	66615				
Ethylben	izene	ND	0.049	mg/Kg	1	4/5/2022 6:34:00 PM	66615				
Xylenes,	Total	ND	0.099	mg/Kg	1	4/5/2022 6:34:00 PM	66615				
Surr: 4	4-Bromofluorobenzene	82.7	70-130	%Rec	1	4/5/2022 6:34:00 PM	66615				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

-							
CLIENT:	GHD Midland		Cl	ient Sample II):SV	VX-10	
Project:	Yates AS Fee		(Collection Date	e: 3/3	30/2022 2:15:00 PM	
Lab ID:	2204069-010	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		730	60	mg/Kg	20	4/8/2022 9:01:42 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.1	mg/Kg	1	4/6/2022 11:36:11 PM	66654
Motor Oil	I Range Organics (MRO)	ND	46	mg/Kg	1	4/6/2022 11:36:11 PM	66654
Surr: D	DNOP	86.7	51.1-141	%Rec	1	4/6/2022 11:36:11 PM	66654
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2022 6:53:00 PM	66615
Surr: E	3FB	99.4	37.7-212	%Rec	1	4/5/2022 6:53:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst:	BRM
Benzene		ND	0.025	mg/Kg	1	4/5/2022 6:53:00 PM	66615
Toluene		ND	0.049	mg/Kg	1	4/5/2022 6:53:00 PM	66615
Ethylben	zene	ND	0.049	mg/Kg	1	4/5/2022 6:53:00 PM	66615
Xylenes,	Total	ND	0.099	mg/Kg	1	4/5/2022 6:53:00 PM	66615
Surr: 4	1-Bromofluorobenzene	82.8	70-130	%Rec	1	4/5/2022 6:53:00 PM	66615

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	VX-11	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	80/2022 2:20:00 PM	
Lab ID:	2204069-011	Matrix: SOIL		Received Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		940	60	mg/Kg	20	4/8/2022 9:14:07 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.9	mg/Kg	1	4/7/2022 12:00:12 AM	66654
Motor Oil	Range Organics (MRO)	ND	50	mg/Kg	1	4/7/2022 12:00:12 AM	66654
Surr: D	NOP	89.6	51.1-141	%Rec	1	4/7/2022 12:00:12 AM	66654
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2022 8:12:00 PM	66615
Surr: E	3FB	99.3	37.7-212	%Rec	1	4/5/2022 8:12:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	4/5/2022 8:12:00 PM	66615
Toluene		ND	0.049	mg/Kg	1	4/5/2022 8:12:00 PM	66615
Ethylben	zene	ND	0.049	mg/Kg	1	4/5/2022 8:12:00 PM	66615
Xylenes,	Total	ND	0.098	mg/Kg	1	4/5/2022 8:12:00 PM	66615
Surr: 4	-Bromofluorobenzene	82.7	70-130	%Rec	1	4/5/2022 8:12:00 PM	66615

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

Qualifiers:

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

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Hall	Environmental	Analysis	Laboratory,	Inc.
		•/	•/ /	

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II):SV	VX-12	
Project:	Yates AS Fee		(Collection Date	e: 3/3	80/2022 2:25:00 PM	
Lab ID:	2204069-012	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst:	MRA
Chloride		900	60	mg/Kg	20	4/8/2022 9:26:31 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	ED
Diesel Ra	ange Organics (DRO)	29	9.3	mg/Kg	1	4/7/2022 12:24:23 AM	66654
Motor Oil	Range Organics (MRO)	ND	46	mg/Kg	1	4/7/2022 12:24:23 AM	66654
Surr: D	DNOP	91.8	51.1-141	%Rec	1	4/7/2022 12:24:23 AM	66654
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst:	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/5/2022 8:32:00 PM	66615
Surr: E	3FB	102	37.7-212	%Rec	1	4/5/2022 8:32:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst:	BRM
Benzene		ND	0.025	mg/Kg	1	4/5/2022 8:32:00 PM	66615
Toluene		ND	0.050	mg/Kg	1	4/5/2022 8:32:00 PM	66615
Ethylben	zene	ND	0.050	mg/Kg	1	4/5/2022 8:32:00 PM	66615
Xylenes,	Total	ND	0.10	mg/Kg	1	4/5/2022 8:32:00 PM	66615
Surr: 4	I-Bromofluorobenzene	82.7	70-130	%Rec	1	4/5/2022 8:32:00 PM	66615

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

Qualifiers:

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

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Hall	Environmental	Analysis	Laboratory,	Inc.
		•/	•/ /	

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland	Client Sample ID: SWX-13							
Project:	Yates AS Fee	Collection Date: 3/30/2022 2:30:00 PM							
Lab ID:	2204069-013	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst:	MRA		
Chloride		940	59	mg/Kg	20	4/8/2022 9:38:56 PM	66732		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	ED		
Diesel Ra	ange Organics (DRO)	25	10	mg/Kg	1	4/7/2022 12:48:21 AM	66654		
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	4/7/2022 12:48:21 AM	66654		
Surr: [ONOP	93.5	51.1-141	%Rec	1	4/7/2022 12:48:21 AM	66654		
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst:	BRM		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2022 8:52:00 PM	66615		
Surr: E	3FB	102	37.7-212	%Rec	1	4/5/2022 8:52:00 PM	66615		
EPA MET	HOD 8021B: VOLATILES					Analyst:	BRM		
Benzene		ND	0.024	mg/Kg	1	4/5/2022 8:52:00 PM	66615		
Toluene		ND	0.049	mg/Kg	1	4/5/2022 8:52:00 PM	66615		
Ethylben	zene	ND	0.049	mg/Kg	1	4/5/2022 8:52:00 PM	66615		
Xylenes,	Total	ND	0.098	mg/Kg	1	4/5/2022 8:52:00 PM	66615		
Surr: 4	4-Bromofluorobenzene	84.3	70-130	%Rec	1	4/5/2022 8:52:00 PM	66615		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II):SV	VX-14	
Project:	Yates AS Fee	Collection Date: 3/30/2022 2:35:00 PM					
Lab ID:	2204069-014	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		720	60	mg/Kg	20	4/8/2022 9:51:21 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	9.7	mg/Kg	1	4/7/2022 1:12:30 AM	66654
Motor Oil	Range Organics (MRO)	ND	48	mg/Kg	1	4/7/2022 1:12:30 AM	66654
Surr: D	DNOP	97.6	51.1-141	%Rec	1	4/7/2022 1:12:30 AM	66654
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	4/5/2022 9:12:00 PM	66615
Surr: E	3FB	106	37.7-212	%Rec	1	4/5/2022 9:12:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.023	mg/Kg	1	4/5/2022 9:12:00 PM	66615
Toluene		ND	0.046	mg/Kg	1	4/5/2022 9:12:00 PM	66615
Ethylben	zene	ND	0.046	mg/Kg	1	4/5/2022 9:12:00 PM	66615
Xylenes,	Total	ND	0.092	mg/Kg	1	4/5/2022 9:12:00 PM	66615
Surr: 4	l-Bromofluorobenzene	85.6	70-130	%Rec	1	4/5/2022 9:12:00 PM	66615

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

Qualifiers:

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

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Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	WX-15	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	30/2022 2:40:00 PM	
Lab ID:	2204069-015	Matrix: SOIL		Received Date	e:4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		620	60	mg/Kg	20	4/8/2022 10:03:46 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	610	9.9	mg/Kg	1	4/7/2022 1:36:29 AM	66654
Motor Oil	Range Organics (MRO)	460	50	mg/Kg	1	4/7/2022 1:36:29 AM	66654
Surr: E	DNOP	89.8	51.1-141	%Rec	1	4/7/2022 1:36:29 AM	66654
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	25	mg/Kg	5	4/5/2022 9:31:00 PM	66615
Surr: E	3FB	103	37.7-212	%Rec	5	4/5/2022 9:31:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.12	mg/Kg	5	4/5/2022 9:31:00 PM	66615
Toluene		ND	0.25	mg/Kg	5	4/5/2022 9:31:00 PM	66615
Ethylben	zene	ND	0.25	mg/Kg	5	4/5/2022 9:31:00 PM	66615
Xylenes,	Total	ND	0.50	mg/Kg	5	4/5/2022 9:31:00 PM	66615
Surr: 4	1-Bromofluorobenzene	84.7	70-130	%Rec	5	4/5/2022 9:31:00 PM	66615

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

Qualifiers:

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

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Lab Order 2204069

Date Reported: 4/12/2022

CLIENT: GHD Midland		Cl	ient Sample II	D:SV	VX-16			
Project: Yates AS Fee	Collection Date: 3/30/2022 2:45:00 PM							
Lab ID: 2204069-016	Matrix: SOIL		Received Dat	e: 4/2	2/2022 10:00:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	MRA		
Chloride	700	60	mg/Kg	20	4/8/2022 10:16:11 PM	66732		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED		
Diesel Range Organics (DRO)	340	9.3	mg/Kg	1	4/8/2022 1:24:11 AM	66654		
Motor Oil Range Organics (MRO)	320	46	mg/Kg	1	4/8/2022 1:24:11 AM	66654		
Surr: DNOP	103	51.1-141	%Rec	1	4/8/2022 1:24:11 AM	66654		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	BRM		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2022 9:51:00 PM	66615		
Surr: BFB	98.4	37.7-212	%Rec	1	4/5/2022 9:51:00 PM	66615		
EPA METHOD 8021B: VOLATILES					Analyst	BRM		
Benzene	ND	0.024	mg/Kg	1	4/5/2022 9:51:00 PM	66615		
Toluene	ND	0.049	mg/Kg	1	4/5/2022 9:51:00 PM	66615		
Ethylbenzene	ND	0.049	mg/Kg	1	4/5/2022 9:51:00 PM	66615		
Xylenes, Total	ND	0.098	mg/Kg	1	4/5/2022 9:51:00 PM	66615		
Surr: 4-Bromofluorobenzene	81.3	70-130	%Rec	1	4/5/2022 9:51:00 PM	66615		

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	VX-17	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	80/2022 2:50:00 PM	
Lab ID:	2204069-017	Matrix: SOIL		Received Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		840	60	mg/Kg	20	4/8/2022 10:53:24 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE (ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	270	10	mg/Kg	1	4/8/2022 2:12:20 AM	66654
Motor Oil	Range Organics (MRO)	270	50	mg/Kg	1	4/8/2022 2:12:20 AM	66654
Surr: D	NOP	104	51.1-141	%Rec	1	4/8/2022 2:12:20 AM	66654
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	4/5/2022 10:11:00 PM	66615
Surr: B	BFB	99.2	37.7-212	%Rec	1	4/5/2022 10:11:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	4/5/2022 10:11:00 PM	66615
Toluene		ND	0.048	mg/Kg	1	4/5/2022 10:11:00 PM	66615
Ethylbenz	zene	ND	0.048	mg/Kg	1	4/5/2022 10:11:00 PM	66615
Xylenes,	Total	ND	0.096	mg/Kg	1	4/5/2022 10:11:00 PM	66615
Surr: 4	-Bromofluorobenzene	81.8	70-130	%Rec	1	4/5/2022 10:11:00 PM	66615

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

Qualifiers:

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

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Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II):SV	VX-18	
Project.	Yates AS Fee		(Collection Date	p• 3/3	R0/2022 2:55:00 PM	
Lab ID:	2204069-018	Matrix: SOIL	·	Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		800	60	mg/Kg	20	4/8/2022 11:05:49 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	89	9.7	mg/Kg	1	4/8/2022 3:00:27 AM	66654
Motor Oil	Range Organics (MRO)	120	48	mg/Kg	1	4/8/2022 3:00:27 AM	66654
Surr: D	DNOP	98.3	51.1-141	%Rec	1	4/8/2022 3:00:27 AM	66654
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2022 10:31:00 PM	66615
Surr: E	3FB	102	37.7-212	%Rec	1	4/5/2022 10:31:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	4/5/2022 10:31:00 PM	66615
Toluene		ND	0.049	mg/Kg	1	4/5/2022 10:31:00 PM	66615
Ethylben	zene	ND	0.049	mg/Kg	1	4/5/2022 10:31:00 PM	66615
Xylenes,	Total	ND	0.098	mg/Kg	1	4/5/2022 10:31:00 PM	66615
Surr: 4	I-Bromofluorobenzene	82.2	70-130	%Rec	1	4/5/2022 10:31:00 PM	66615

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

Qualifiers:

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

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Lab Order 2204069

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D:SV	V-10	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	30/2022 11:05:00 AM	
Lab ID:	2204069-019	Matrix: SOIL		Received Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		64	60	mg/Kg	20	4/8/2022 11:18:14 PM	66732
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	150	9.8	mg/Kg	1	4/8/2022 3:48:29 AM	66654
Motor Oil	Range Organics (MRO)	350	49	mg/Kg	1	4/8/2022 3:48:29 AM	66654
Surr: D	NOP	79.8	51.1-141	%Rec	1	4/8/2022 3:48:29 AM	66654
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	4/5/2022 10:50:00 PM	66615
Surr: E	3FB	104	37.7-212	%Rec	1	4/5/2022 10:50:00 PM	66615
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	4/5/2022 10:50:00 PM	66615
Toluene		ND	0.048	mg/Kg	1	4/5/2022 10:50:00 PM	66615
Ethylbenz	zene	ND	0.048	mg/Kg	1	4/5/2022 10:50:00 PM	66615
Xylenes,	Total	ND	0.097	mg/Kg	1	4/5/2022 10:50:00 PM	66615
Surr: 4	-Bromofluorobenzene	81.9	70-130	%Rec	1	4/5/2022 10:50:00 PM	66615

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

Qualifiers:

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

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Client: Project:	GHD Yates	Midland AS Fee									
Sample ID:	MB-66731	Samp	Гуре: ml	olk	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID:	PBS	Batc	h ID: 66	731	F	RunNo: 8	7136				
Prep Date:	4/8/2022	Analysis [Date: 4/	8/2022	S	SeqNo: 3	080929	Units: mg/k	(g		
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID:	LCS-66731	Samp	Гуре: Іс я	3	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batc	h ID: 66	731	F	RunNo: 8	7136				
Prep Date:	4/8/2022	Analysis I	Date: 4/	8/2022	S	SeqNo: 3	080930	Units: mg/#	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	90.2	90	110			
Sample ID:	MB-66732	Samp	Гуре: ml	olk	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID:	PBS	Batc	h ID: 66	732	F	RunNo: 8	7136				
Prep Date:	4/8/2022	Analysis [Date: 4/	8/2022	S	SeqNo: 3	080959	Units: mg/k	ſg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-66732	Samp	Гуре: Іс я	6	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batc	h ID: 66	732	F	RunNo: 8	7136				
Prep Date:	4/8/2022	Analysis [Date: 4/	8/2022	S	SeqNo: 3	080960	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	90.1	90	110			

14 1.5 15.00 0 90.1 90 110

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

в Analyte detected in the associated Method Blank

Е Estimated value

J

Sample pH Not In Range

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2204069

12-Apr-22

WO#:

Analyte detected below quantitation limits

Р RL Reporting Limit GHD Midland

Yates AS Fee

Sample ID: 2204069-007AMSD

Client ID: SWX-7

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: MSD

Batch ID: 66654

Prep Date: 4/5/2022	Analysis D	Date: 4/	6/2022	5	SeqNo: 3	077473	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.3	46.73	0	92.1	36.1	154	4.46	33.9	
Surr: DNOP	3.9		4.673		83.2	51.1	141	0	0	
Sample ID: 2204069-007AMS	SampT	ype: M S	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: SWX-7	Batcl	n ID: 66	654	F	RunNo: 8 '	7063				
Prep Date: 4/5/2022	Analysis D	Date: 4/	6/2022	5	SeqNo: 3	077474	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.7	48.36	0	93.1	36.1	154			
Surr: DNOP	4.0		4.836		81.7	51.1	141			
Sample ID: LCS-66640	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batcl	n ID: 66	640	F	RunNo: 8 '	7063				
Prep Date: 4/5/2022	Analysis D	Date: 4/	6/2022	S	SeqNo: 3	077500	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	96.0	68.9	135			
Surr: DNOP	4.7		5.000		94.6	51.1	141			
Sample ID: LCS-66654	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batcl	n ID: 66	654	F	RunNo: 8	7063				
Prep Date: 4/5/2022	Analysis D	Date: 4/	6/2022	5	SeqNo: 3	077501	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.0	68.9	135			
Surr: DNOP	3.8		5.000		76.8	51.1	141			
Sample ID: MB-66640	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batcl	n ID: 66	640	F	RunNo: 8 '	7063				
Prep Date: 4/5/2022	Analysis D	Date: 4/	6/2022	S	SeqNo: 3	077502	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.2	51.1	141			

Qualifiers:

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

Analyte detected in the associated Method Blank

Е Estimated value

- Analyte detected below quantitation limits J
- Р Sample pH Not In Range

Reporting Limit RL

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TestCode: EPA Method 8015M/D: Diesel Range Organics

RunNo: 87063

WO#:

2204069

12-Apr-22



В

- Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

GHD Midland

Yates AS Fee

Client:

Project:

Sample ID: MB-66654

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

SampType: MBLK

WO#:	2204069 12-Apr-22
TestCode: EPA Method 8015M/D: Diesel Range Organics	
DupNot 07000	

Client ID: PBS	Batch ID: 66654	RunNo: 87063	
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077503	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	7.8 10.00	78.4 51.1	141
Sample ID: LCS-66673	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 66673	RunNo: 87063	
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3077955	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	5.0 5.000	101 51.1	141
Sample ID: MB-66673	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 66673	RunNo: 87063	
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3077956	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	9.4 10.00	94.0 51.1	141
Sample ID: LCS-66706	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 66706	RunNo: 87134	
Prep Date: 4/7/2022	Analysis Date: 4/8/2022	SeqNo: 3080858	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.4 5.000	88.4 51.1	141
Sample ID: MB-66706	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 66706	RunNo: 87134	
Prep Date: 4/7/2022	Analysis Date: 4/8/2022	SeqNo: 3080859	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	8.9 10.00	89.1 51.1	141

Qualifiers:

D

Н

ND

S

* Value exceeds Maximum Contaminant Level.

Not Detected at the Reporting Limit

Holding times for preparation or analysis exceeded

Sample Diluted Due to Matrix

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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% Recovery outside of range due to dilution or matrix interference

QC SUMMARY REPORT Hall **E**

	WO#:	2204069
Environmental Analysis Laboratory, Inc.		12-Apr-22

Client:	GHD Mid	lland									
Project:	Yates AS	Fee									
Sample ID:	Ics-66615	SampT	Type: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	line Range	9	
Client ID:	LCSS	Batcl	h ID: 666	615	F	RunNo: 8 '	7013				
Prep Date:	4/4/2022	Analysis D	Date: 4/	5/2022	5	SeqNo: 3	074546	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	26 2100	5.0	25.00 1000	0	104 205	72.3 37.7	137 212			
Sample ID:	mb-66615	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Range	e	
Client ID:	PBS	Batcl	h ID: 666	615	F	RunNo: 8 '	7013				
Prep Date:	4/4/2022	Analysis D	Date: 4/	5/2022	S	SeqNo: 3	074547	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	ND 930	5.0	1000		92.8	37.7	212			
Sample ID:	2204069-006AMS	SampT	Гуре: МS	;	Tes	tCode: El	PA Method	8015D: Gaso	line Range	e	
Client ID:	SWX-6	Batcl	h ID: 666	615	F	RunNo: 8 '	7013				
Prep Date:	4/4/2022	Analysis D	Date: 4/	5/2022	S	SeqNo: 3	074564	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	30 2200	4.7	23.74 949.7	0	125 237	70 37.7	130 212			S
Sample ID:	2204069-006AMSI) SampT	Гуре: МS	D	Tes	tCode: El	PA Method	8015D: Gaso	line Range	9	
Client ID:	SWX-6	Batcl	h ID: 666	615	F	RunNo: 8 '	7013				
Prep Date:	4/4/2022	Analysis D	Date: 4/	5/2022	S	SeqNo: 3	074565	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	30	4.7	23.74	0	126	70	130	0.796	20	
Surr: BFB		2200		949.7		231	37.7	212	0	0	S
Sample ID:	lcs-66613	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Range	9	
Client ID:	LCSS	Batcl	h ID: 666	613	F	RunNo: 8 '	7013				
Prep Date:	4/4/2022	Analysis D	Date: 4/	6/2022	S	SeqNo: 3	074581	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	27 2300	5.0	25.00 1000	0	108 228	72.3 37.7	137 212			S
Sample ID:	mb-66613	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Range	9	
Client ID:	PBS	Batcl	h ID: 666	613	F	RunNo: 8 '	7013				
Prep Date:	4/4/2022	Analysis D	Date: 4/	6/2022	S	SeqNo: 3	074582	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

Н

ND

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

Not Detected at the Reporting Limit

- В Analyte detected in the associated Method Blank Estimated value
- Е Analyte detected below quantitation limits
- J
 - Р Sample pH Not In Range
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S

Holding times for preparation or analysis exceeded

RL Reporting Limit Page 23 of 26

2204069

12-Apr-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: GHD Project: Yates	Midland AS Fee									
Sample ID: mb-66613	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch	n ID: 666	613	F	RunNo: 87	7013				
Prep Date: 4/4/2022	Analysis D	ate: 4/	6/2022	S	SeqNo: 30	074582	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	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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GHD Midland

Client:

QC SUMMARY REPORT Hall Environmental Analysis Labo

 220400)
12-Apr-22
W O#.

Project:	Yates AS	Fee									
Sample ID:	lcs-66615	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batch	D: 66	615	F	RunNo: 87	7013				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	S	SeqNo: 30	074595	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.81	0.025	1.000	0	80.9	80	120			
Toluene		0.82	0.050	1.000	0	81.7	80	120			
Ethylbenzene		0.82	0.050	1.000	0	81.5	80	120			
Xylenes, Total		2.4	0.10	3.000	0	80.6	80	120			
Surr: 4-Brom	nofluorobenzene	0.78		1.000		78.4	70	130			
Sample ID:	mb-66615	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batch	D: 66	615	F	RunNo: 87	7013				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	5	SeqNo: 30	074596	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	nofluorobenzene	0.76		1.000		75.9	70	130			
Sample ID:	2204069-007AMS	SampT	ype: MS	6	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	SWX-7	Batch	n ID: 66	615	F	RunNo: 8 7	7013				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	S	SeqNo: 30	074614	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.88	0.024	0.9775	0	89.8	68.8	120			
Toluene		0.90	0.049	0.9775	0	92.0	73.6	124			
Ethylbenzene		0.91	0.049	0.9775	0	93.2	72.7	129			
Xylenes, Total		2.7	0.098	2.933	0	92.5	75.7	126			
Surr: 4-Brom	nofluorobenzene	0.80		0.9775		81.6	70	130			
Sample ID:	2204069-007AMSI	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	SWX-7	Batch	ID: 66	615	F	RunNo: 87	7013				
Prep Date:	4/4/2022	Analysis D	ate: 4/	5/2022	S	SeqNo: 30	074615	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.84	0.024	0.9690	0	86.2	68.8	120	4.89	20	
Toluene		0.86	0.048	0.9690	0	88.7	73.6	124	4.47	20	
Ethylbenzene		0.87	0.048	0.9690	0	90.0	72.7	129	4.40	20	
Xylenes, Total		2.6	0.097	2.907	0	89.5	75.7	126	4.18	20	
Surr: 4-Brom	nofluorobenzene	0.79		0.9690		81.6	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 25 of 26

.

В Analyte detected in the associated Method Blank

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix interference

Sample Diluted Due to Matrix

PQL Practical Quanitative Limit

Not Detected at the Reporting Limit

Qualifiers: *

D

Н

ND

S

в Analyte detected in the associated Method Blank

- Е
- J Analyte detected below quantitation limits

- Estimated value
- - Р Sample pH Not In Range
 - RL

Reporting Limit

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Client: GHD Midland **Project:** Yates AS Fee Sample ID: Ics-66613 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS	Batc	h ID: 666	613	F	RunNo: 8 '	7013				
Prep Date: 4/4/2022	Analysis D	Date: 4/	6/2022	5	SeqNo: 3	074630	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	91.3	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.7	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.6	70	130			
Sample ID: mb-66613	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 666	613	F	RunNo: 8 '	7013				
Prep Date: 4/4/2022	Analysis E	Date: 4/	6/2022	5	SeqNo: 3	074631	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	0.85		1.000		84.6	70	130			

WO#: 2204069

12-Apr-22

ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-34 Website: v	nnental Anai 49 Albuquei 5-3975 FAX www.hallenv	ysis La 201 Haw rque, Ni 7: 505-3 rironmer	boratory skins NE M 87109 45-4107 ntal.com	Sa	mple Log-In Che	ck List
Client Name: GHD Midland	Work Order N	umber: 22(04069			RcptNo: 1	
Received By: Tracy Casarrubias	4/2/2022 10:00:0	00 AM					
Completed By: Tracy Casarrubias	4/2/2022 1:46:55						
Reviewed By: 50 4/4/22							
Chain of Custody							
1. Is Chain of Custody complete?		Yes		No		Not Present	
2. How was the sample delivered?		<u>Cor</u>	irier				
Log In							
3. Was an attempt made to cool the samples?		Yes		No			
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes		No			
5. Sample(s) in proper container(s)?		Yes		No			
6. Sufficient sample volume for indicated test(s)?	Yes		No			
7. Are samples (except VOA and ONG) proper	v 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	П	No	П		
10. Were any sample containers received broke	n?	Yes		No	~		
						# of preserved	
11. Does paperwork match bottle labels?		Yes		No		for pH:	
12 Are matrices correctly identified on Chain of	Custody?	Ver		NIE		Adjusted?	inless noted)
13 Is it clear what analyses were requested?	Sustouy?	Yes		No	H	Autoreu?	
14. Were all holding times able to be met?		Yes	V	No		Checked by: KPG	4/4/1-
(If no, notify customer for authorization.)							1.100
<u>Special Handling (if applicable)</u>	Land Land		_				
13, was client notified of all discrepancies with t	his order?	Yes		No	Ц	NA 🔽	
Person Notified:	Dat	te:					
By Whom:	Via	: 🗌 eMa	ail 🗌	Phone	Fax	In Person	
Regarding:							
16 Additional							
17. Additional remarks:							
17. Cooler Information		1.1					
1 4.7 Good Yes	a intact Seal No	Seal Da	ate	Signed I	Зу		
2 3.3 Good Yes							

	Chain	-of-CI	ustody Record	Turn-Around	Time:			3	2							
Client	: GHD			D Standaro	Rus	h S Dan			Ц,	I	AL		N STS	I AR	UMENT/	
				Project Nam							d source	, aclic				2
Mailin	g Addres:	i.i		Yates	AS	Fer		4	901 F	awkin	s NE	- Alb		CILIE NN	187109	с <i>р</i> .
2135	S. Loop 2:	50 W. Mid	dland, TX 79703	Project #:					rel. 50	5-345	-397		ax 5	05-345-4	107	31 4 1.
Phone	.#:	(432) 68	36-0086	2211	8401							Analy	sis R	equest		
email	or Fax#:	Becky.h	laskell@ghd.com	Project Mana	iger:			()	10		-	*O				
QAVQC	> Package:			Becky Haske	I			202	s'a		SV	S '*				
□ Sta	Indard		Level 4 (Full Validation)	Tom Larson				3) s,	PCI		WSC	Ю				43 1
Accre	ditation:	□ Az Co	ompliance	Sampler:	Heath Boyd				280	(1.	178	10 ⁵¹		_		1/1
	LAC	□ Othe		On Ice:	X Yes	ON 🗆			8/s	¥09	OL	۷ '		(\(
	D (Type)			# of Coolers:	2			BE	əpi	g po	or	103				
				Cooler Temp	(including CF); 4.	、ていこのも	2	TM	stic	oqte	es l	ر, ۱	(AC	300		
Date	Time	Matrix	Sample Name	Container Tvpe and #	Preservative Tvpe	HEAL NO			99 1 80	M) 80	(a sha 8 AAO	i' E' B	092 00 (N	hloride		
3/02/2	1330	S	(-XUS	Hor Ter/1	NA	220406	x		8	3	ы al	С	8	χc		
-	1335	1	5-XUS	-	-	002		XX			-		1	x		
-	1340		5-XUS			200		×						R		
	1345	-	5WK-4			201		1	÷.		-			×		
	1350	_	SUX-S			Suc	~	2			-			×		
	1355	-	SWK-6			200		2						8		
-	1400		Sux-7			400		× v						X		
-	Soh1		SWX-8			006		x						×		
	1410		Sux-9			600		x						×		
_	1415	-	SWX-10			010		×						4		
	1420	1	11 - xms	1		011		X						×		
2	1425	x	21-XMS	×	X	20		2						×		
Date:	Time:	Relinquish	ed by:	Received by:	Via:	Date Tim	e	R	emark	s: Ple	ase e	nail: /	Ambe	Griffin	Deogresources	s.com,
22/404	1400	Sel		OLOULUL		4/1/22 1	don	0	hase	Settle	@eo(litesou	Irces.	com; Tor	n.Larson@gho	.com;
Date:	Time:	Relinquish	ed by:	Received by:	Via: Co	Date Tim	e	H	ath Bo	@pvd@pvd	2 phd	acn.uc		agna.co	om; • Hackall lictad	avode
ul 12	Jupp	3			$\left \right $	4/2/21 10	3,00				Direc	t Bill t	0 EO	3 Chase	Settle	
	If necessary,	samples sub	mitted to Hall Environmentalsmay be subo	ontracted to other ac	credited laboratori	es. This serves as not	ice of this po	ssibility.	Any sul	o-contrac	ted data	will be	clearly n	otated on th	e analytical report.	

Chain-of-C	Custody Record	Turn-Around 7	ime:										nec
Client: GHD		- ✓ Standard	th Rush			4	I		NU	VIR	ONMEN	TAL	eivel
		Project Name:	×	1000 r			A	AL	S	2 N	ABORAT	ORY	
Mailing Address:		Yates	AS	fee		4901 H	W	W.hall	Albuch	ment	II.com		JUD:
2135 S. Loop 250 W. N	Aidland, TX 79703	Project #:			-	Tel 50	5-345-	3975	- Yed	Pupping	AE 4107		314
Phone #: (432) (586-0086	1122	3401					Ar	alysis	Redu	est		1120
email or Fax#: Becky	.Haskell@ghd.com	Project Manag	er:		((0	-		7			E	
QA/QC Package:		Becky Haskell			120	S'S	SI)S '				:30
□ Standard	Level 4 (Full Validation)	Tom Larson			8) s,	PCE	MIS		b04				:43 .
Accreditation:	Compliance	Sampler: H	Heath Boyd		am.	280	1)		05'				
DI NELAC DOth	ler	On Ice:	X Yes	ON D	L /)8/s	.408 9 10		N '	(¥		_	
EDD (Type)	-	# of Coolers:	~		38	abi	10 9 pc	slet	² 0 ³	οΛ·	W (
		Cooler Temp(in	cluding CF): 4	3 4.4 = 0.7	TM	stic	e8 v	эM	(AC	-ime	300		
Date Time Matrix	 Sample Name 	Container F Type and # 1	reservative ype	HEAL No.	BTEX /	94 180	M) 80	8 AAD	560 (VC	9S) 072	abinoidi		
3/20/22 1430 5	5UX-13	402.Jer / 1	2/2	013		8	3	Я	8	8			
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0741	Suk-15			SIO	X								
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	orded per Erin												
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Date: Time: Relinquis	hed by:	Received by:	Via: V	Date Time 1/1/22 1900		emark	s: Pleas Settle@	e ema	il: Amb source:	er_Gr	I I I ffin@eogresou Tom.Larson@	rces.com	
Date: Time: Relinquis	hed by:	Recélved by:	Via: cou	Date Time 4/2/22 to 1 w	Ť	ath.Bo	yd@gh C	d.com	Along III to Ed	with B OG C	ld.com; ecky Haskell lis ase Settle	ted abov	- rage v
If necessary, samples su	ubmitted to Hall Environmental may be subco	at acced to other acce	idited laboratories	s. This serves as notice of th	is possibility	Any sub	contracte	l data will	be clearly	/ notated	on the analytical repo	ť	₩23 UJ 3



April 11, 2022

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

OrderNo.: 2204062

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates AS Fee

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 5 sample(s) on 4/2/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204062

Date Reported: 4/11/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	HX-11	
Project:	Yates AS Fee		(Collect	tion Dat	e: 3/3	31/2022 10:40:00 AM	
Lab ID:	2204062-001	Matrix: SOIL		Recei	ved Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	JMT
Chloride		1300	61		mg/Kg	20	4/5/2022 2:39:53 PM	66637
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	2300	97		mg/Kg	10	4/6/2022 1:38:49 PM	66612
Motor Oi	I Range Organics (MRO)	1000	490		mg/Kg	10	4/6/2022 1:38:49 PM	66612
Surr: [ONOP	0	51.1-141	S	%Rec	10	4/6/2022 1:38:49 PM	66612
EPA MET	HOD 8015D: GASOLINE R	ANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	43	19		mg/Kg	5	4/4/2022 12:18:00 PM	E86939
Surr: E	BFB	262	37.7-212	S	%Rec	5	4/4/2022 12:18:00 PM	E86939
EPA MET	HOD 8021B: VOLATILES						Analyst	BRM
Benzene)	ND	0.094		mg/Kg	5	4/4/2022 12:18:00 PM	F86939
Toluene		ND	0.19		mg/Kg	5	4/4/2022 12:18:00 PM	F86939
Ethylben	zene	0.57	0.19		mg/Kg	5	4/4/2022 12:18:00 PM	F86939
Xylenes,	Total	ND	0.38		mg/Kg	5	4/4/2022 12:18:00 PM	F86939
Surr: 4	4-Bromofluorobenzene	113	70-130		%Rec	5	4/4/2022 12:18:00 PM	F86939

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

Qualifiers:

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

Page 1 of 9

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204062

Date Reported: 4/11/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	HX-12	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	31/2022 10:45:00 AM	
Lab ID:	2204062-002	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	јмт
Chloride		950	60	mg/Kg	20	4/5/2022 3:17:06 PM	66637
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Ra	ange Organics (DRO)	120	9.9	mg/Kg	1	4/5/2022 12:21:48 PM	66612
Motor Oi	I Range Organics (MRO)	100	49	mg/Kg	1	4/5/2022 12:21:48 PM	66612
Surr: [ONOP	93.0	51.1-141	%Rec	1	4/5/2022 12:21:48 PM	66612
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	18	mg/Kg	5	4/3/2022 5:50:00 AM	E86939
Surr: E	3FB	104	37.7-212	%Rec	5	4/3/2022 5:50:00 AM	E86939
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.088	mg/Kg	5	4/3/2022 5:50:00 AM	F86939
Toluene		ND	0.18	mg/Kg	5	4/3/2022 5:50:00 AM	F86939
Ethylben	zene	ND	0.18	mg/Kg	5	4/3/2022 5:50:00 AM	F86939
Xylenes,	Total	ND	0.35	mg/Kg	5	4/3/2022 5:50:00 AM	F86939
Surr: 4	4-Bromofluorobenzene	85.1	70-130	%Rec	5	4/3/2022 5:50:00 AM	F86939

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

Qualifiers:

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

Page 2 of 9

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204062

Date Reported: 4/11/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	HX-13	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	31/2022 10:50:00 AM	
Lab ID:	2204062-003	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride		1700	60	mg/Kg	20	4/5/2022 3:29:31 PM	66637
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	580	9.9	mg/Kg	1	4/5/2022 10:22:40 AM	66612
Motor Oi	l Range Organics (MRO)	270	49	mg/Kg	1	4/5/2022 10:22:40 AM	66612
Surr: I	DNOP	111	51.1-141	%Rec	1	4/5/2022 10:22:40 AM	66612
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	20	14	mg/Kg	5	4/4/2022 12:38:00 PM	E86939
Surr: I	BFB	190	37.7-212	%Rec	5	4/4/2022 12:38:00 PM	E86939
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.071	mg/Kg	5	4/4/2022 12:38:00 PM	F86939
Toluene		ND	0.14	mg/Kg	5	4/4/2022 12:38:00 PM	F86939
Ethylben	izene	0.28	0.14	mg/Kg	5	4/4/2022 12:38:00 PM	F86939
Xylenes,	Total	ND	0.29	mg/Kg	5	4/4/2022 12:38:00 PM	F86939
Surr: 4	4-Bromofluorobenzene	99.3	70-130	%Rec	5	4/4/2022 12:38:00 PM	F86939

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

Qualifiers:

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

Page 3 of 9

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204062

Date Reported: 4/11/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	HX-14	
Project:	Yates AS Fee		(Collect	tion Dat	e: 3/3	31/2022 10:55:00 AM	
Lab ID:	2204062-004	Matrix: SOIL		Recei	ved Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	јмт
Chloride		1600	60		mg/Kg	20	4/5/2022 3:41:55 PM	66637
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	3000	190		mg/Kg	20	4/5/2022 1:06:36 PM	66612
Motor Oi	l Range Organics (MRO)	1100	960		mg/Kg	20	4/5/2022 1:06:36 PM	66612
Surr: I	DNOP	0	51.1-141	S	%Rec	20	4/5/2022 1:06:36 PM	66612
EPA MET	THOD 8015D: GASOLINE R	ANGE					Analyst	BRM
Gasoline	e Range Organics (GRO)	160	15		mg/Kg	5	4/4/2022 12:58:00 PM	E86939
Surr: I	BFB	335	37.7-212	S	%Rec	5	4/4/2022 12:58:00 PM	E86939
EPA MET	THOD 8021B: VOLATILES						Analyst	BRM
Benzene)	ND	0.074		mg/Kg	5	4/4/2022 12:58:00 PM	F86939
Toluene		ND	0.15		mg/Kg	5	4/4/2022 12:58:00 PM	F86939
Ethylben	izene	3.7	0.15		mg/Kg	5	4/4/2022 12:58:00 PM	F86939
Xylenes,	Total	5.0	0.30		mg/Kg	5	4/4/2022 12:58:00 PM	F86939
Surr: 4	4-Bromofluorobenzene	169	70-130	S	%Rec	5	4/4/2022 12:58:00 PM	F86939

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204062

Date Reported: 4/11/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	HX-15	
Project:	Yates AS Fee		(Collect	tion Dat	e: 3/3	31/2022 11:00:00 AM	
Lab ID:	2204062-005	Matrix: SOIL		Recei	ved Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	ЈМТ
Chloride		1700	60		mg/Kg	20	4/5/2022 3:54:20 PM	66637
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst	SB
Diesel R	ange Organics (DRO)	1600	180		mg/Kg	20	4/5/2022 11:36:48 AM	66612
Motor Oi	il Range Organics (MRO)	1200	910		mg/Kg	20	4/5/2022 11:36:48 AM	66612
Surr: I	DNOP	0	51.1-141	S	%Rec	20	4/5/2022 11:36:48 AM	66612
EPA MET	THOD 8015D: GASOLINE R	ANGE					Analyst	BRM
Gasoline	e Range Organics (GRO)	26	17		mg/Kg	5	4/4/2022 1:37:00 PM	E86939
Surr: I	BFB	187	37.7-212		%Rec	5	4/4/2022 1:37:00 PM	E86939
EPA MET	THOD 8021B: VOLATILES						Analyst	BRM
Benzene)	ND	0.084		mg/Kg	5	4/4/2022 1:37:00 PM	F86939
Toluene		ND	0.17		mg/Kg	5	4/4/2022 1:37:00 PM	F86939
Ethylben	izene	0.48	0.17		mg/Kg	5	4/4/2022 1:37:00 PM	F86939
Xylenes,	Total	ND	0.33		mg/Kg	5	4/4/2022 1:37:00 PM	F86939
Surr: 4	4-Bromofluorobenzene	100	70-130		%Rec	5	4/4/2022 1:37:00 PM	F86939

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

Qualifiers:

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

Page 5 of 9

Client: Project:	GHD Yates	Midland AS Fee									
Sample ID:	MB-66637	SampT	ype: m t	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	1D: 66	637	R	RunNo: 86	6993				
Prep Date:	4/5/2022	Analysis D	ate: 4/	5/2022	S	SeqNo: 30	075207	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-66637	SampT	ype: Ics	5	Test	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	1D: 66	637	R	RunNo: 86	6993				
Prep Date:	4/5/2022	Analysis D	ate: 4/	5/2022	S	SeqNo: 30	075208	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.9	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 6 of 9

2204062

11-Apr-22

WO#:
5.3

5.000

Client:	GHD Midland									
Project:	Yates AS Fee									
Sample ID: MB-666	12 SampTyp	e: MI	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch I	D: 66	612	F	RunNo: 8	6991				
Prep Date: 4/4/202	2 Analysis Dat	e: 4/	/5/2022	S	SeqNo: 3	074090	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	RO) ND	10								
Motor Oil Range Organics	(MRO) ND	50								
Surr: DNOP	26		10.00		256	51.1	141			S
Sample ID: LCS-660	S12 SampTyp	e: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch I	D: 66	612	F	RunNo: 8	6991				
Prep Date: 4/4/202	22 Analysis Dat	e: 4/	/5/2022	S	SeqNo: 3	074094	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	RO) 53	10	50.00	0	106	68.9	135			

106

51.1

141

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

2204062

11-Apr-22

WO#:

QC SUMMARY REPORT Hall Er

	WO#:	2204062
nvironmental Analysis Laboratory, Inc.		11-Apr-22

Client:	GHD Mie	lland									
Project:	Yates AS	Fee									
Sample ID:	2.5ug gro lcs 2	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	9	
Client ID:	LCSS	Batc	n ID: E8	6939	R	unNo: 80	6939				
Prep Date:		Analysis E	Date: 4/	3/2022	S	eqNo: 30	071792	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	28	5.0	25.00	0	111	72.3	137			
Surr: BFB		2200		1000		225	37.7	212			S
Sample ID:	mb 2	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	9	
Client ID:	PBS	Batcl	n ID: E8	6939	R	unNo: 86	6939				
Prep Date:		Analysis E	Date: 4/	3/2022	S	eqNo: 30	071793	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	ND	5.0								
Surr: BFB		1000		1000		104	37.7	212			
Sample ID:	0004000 004 am a	Samo			Tes		A Mothod	8015D: Gase	line Rang	a	
	2204062-001ams	Gampi	ype. wis	,			A wethou	0010D. 0030		6	
Client ID:	BHX-11	Batcl	n ID: E8	6939	R	Code: EF	5939	00102. 0030	J	-	
Client ID: Prep Date:	BHX-11	Batcl Analysis D	ope. M3 n ID: E8 Date: 4 /	6939 (3/2022	R	icode: Ef iunNo: 86 SeqNo: 36	5939 071799	Units: mg/k	(g	•	
Client ID: Prep Date: Analyte	BHX-11	Batcl Analysis I Result	n ID: E8 Date: 4 / PQL	6939 3/2022 SPK value	R SPK Ref Val	2006: EF 2000: 86 300: 30 300: 30 300: 30	5939 071799 LowLimit	Units: mg/k HighLimit	ر RPD،	RPDLimit	Qual
Client ID: Prep Date: Analyte Gasoline Rang	BHX-11 e Organics (GRO)	Batcl Analysis E Result 2000	n ID: E8 Date: 4 / <u>PQL</u> 380	6939 (3/2022 SPK value 1888	R SPK Ref Val	2unNo: 86 SeqNo: 30 <u>%REC</u> 107	6939 071799 LowLimit 70	Units: mg/k HighLimit 130	رو RPD	RPDLimit	Qual
Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB	BHX-11 e Organics (GRO)	Batcl Analysis E Result 2000 170000	ppe. M3 n ID: E8 Date: 4/ PQL 380	6939 3/2022 SPK value 1888 75530	R SPK Ref Val 0	2unNo: 86 GeqNo: 30 <u>%REC</u> 107 221	5939 071799 LowLimit 70 37.7	Units: mg/k HighLimit 130 212	ر RPD%	RPDLimit	Qual S
Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID:	2204062-001ams BHX-11 e Organics (GRO) 2204062-001amsd	Batcl Analysis E Result 2000 170000	ppe: M3 n ID: E8 Date: 4/ PQL 380	6939 3/2022 SPK value 1888 75530	SPK Ref Val	RunNo: 86 SeqNo: 36 %REC 107 221 tCode: EF	27 Method 2939 271799 LowLimit 70 37.7 24 Method	Units: mg/k HighLimit 130 212 8015D: Gasc	(g %RPD	RPDLimit	Qual S
Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID:	2204062-001ams BHX-11 e Organics (GRO) 2204062-001amsd BHX-11	Batcl Analysis E Result 2000 170000 I SampT Batcl	ype: M3 n ID: E8 Date: 4/ PQL 380 Type: M3 n ID: E8	6939 3/2022 SPK value 1888 75530 SD 6939	SPK Ref Val 0 Tesi	RunNo: 86 SeqNo: 30 %REC 107 221 RCode: EF	2 Method 5939 071799 LowLimit 70 37.7 2 A Method 5939	Units: mg/k HighLimit 130 212 8015D: Gasc	Sg %RPD	RPDLimit	Qual S
Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date:	2204062-001ams BHX-11 e Organics (GRO) 2204062-001amsd BHX-11	Batcl Analysis E Result 2000 170000 I SampT Batcl Analysis E	Date: 4/ PQL 380 ype: MS	6939 3/2022 SPK value 1888 75530 SD 6939 3/2022	R SPK Ref Val 0 Tesi R S	RunNo: 86 SeqNo: 36 %REC 107 221 Code: EF RunNo: 86 SeqNo: 30	A Method 5939 071799 LowLimit 70 37.7 PA Method 5939 071800	Units: mg/k HighLimit 130 212 8015D: Gasc Units: mg/k	(g %RPD vline Rang	RPDLimit	Qual S
Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte	2204062-001ams BHX-11 e Organics (GRO) 2204062-001amsd BHX-11	Batcl Analysis E Result 2000 170000 I SampT Batcl Analysis E Result	pype: M n ID: E8 Date: 4/ PQL 380 Type: M pype: M pype: M pype: M pype: 4/ PQL	6939 3/2022 SPK value 1888 75530 6939 3/2022 SPK value	SPK Ref Val 0 Test SPK Ref Val	RunNo: 86 SeqNo: 36 <u>%REC</u> 107 221 COde: EF RunNo: 86 SeqNo: 36 %REC	2 Method 5939 071799 LowLimit 70 37.7 2 A Method 5939 071800 LowLimit	Units: mg/k HighLimit 130 212 8015D: Gasc Units: mg/k HighLimit	Sg %RPD Nine Rang Sg %RPD	RPDLimit e RPDLimit	Qual
Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang	BHX-11 BHX-11 e Organics (GRO) 2204062-001amsd BHX-11 e Organics (GRO)	Batcl Analysis E Result 2000 170000 SampT Batcl Analysis E Result 2100	pype: M n ID: E8 Date: 4 / PQL 380 Type: M Type: M Date: 4 / PQL 380	6939 3/2022 SPK value 1888 75530 SD 6939 3/2022 SPK value 1888	SPK Ref Val 0 Tesi SPK Ref Val 0	RunNo: 86 SeqNo: 30 %REC 107 221 COde: EF RunNo: 86 SeqNo: 30 %REC 109	A Method 5939 071799 LowLimit 70 37.7 PA Method 5939 071800 LowLimit 70	Units: mg/k HighLimit 130 212 8015D: Gasc Units: mg/k HighLimit 130	Sg %RPD bline Rang Sg %RPD 2.00	RPDLimit e RPDLimit 20	Qual S Qual

Qualifiers:

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

GHD Midland

Yates AS Fee

Client:

Project:

Prep Date:

Sample ID: 100ng btex Ics

Client ID: LCSS

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

Batch ID: F86939

Analysis Date: 4/3/2022

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.3	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		85.7	70	130			
Sample ID: mb 2	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: F8	6939	F	RunNo: 8	6939				
Prep Date:	Analysis D	ate: 4/	3/2022	S	SeqNo: 3	071835	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		86.7	70	130			
Sample ID: 2204062-002ams	SampT	ype: MS	6	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BHX-12	Batch	ID: F8	6939	F	RunNo: 8	6939				
Prep Date:	Analysis D	ate: 4/	3/2022	5	SeqNo: 3	071841	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	3.2	0.088	3.521	0	89.9	68.8	120			
Toluene	3.3	0.18	3.521	0	92.4	73.6	124			
Ethylbenzene	3.3	0.18	3.521	0	93.3	72.7	129			
Xylenes, Total	9.8	0.35	10.56	0	92.9	75.7	126			
Surr: 4-Bromofluorobenzene	3.0		3.521		84.2	70	130			
Sample ID: 2204062-002amsd	SampT	ype: MS	SD	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BHX-12	Batch	ID: F8	6939	F	RunNo: 8	6939				
Prep Date:	Analysis D	ate: 4/	3/2022	S	SeqNo: 3	071842	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	3.1	0.088	3.521	0	86.7	68.8	120	3.65	20	
Toluene	3.1	0.18	3.521	0	88.6	73.6	124	4.16	20	
Ethylbenzene	3.2	0.18	3.521	0	90.4	72.7	129	3.08	20	
Xylenes, Total	9.5	0.35	10.56	0	90.1	75.7	126	3.05	20	
Surr: 4-Bromofluorobenzene	2.8		3.521		79.3	70	130	0	0	

TestCode: EPA Method 8021B: Volatiles

Units: mg/Kg

RunNo: 86939

SeqNo: 3071834

Qualifiers:

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

Not Detected at the Reporting Limit ND PQL Practical Quanitative Limit

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

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 9 of 9

WO#: 2204062

11-Apr-22

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmen TEL: 505-345-39 Website: www	ital Anal 49 Albuquer 975 FAX challeny	vsis Labor 01 Hawki, que, NM 8 : 505-345 ironmenta	ratory ns NE 87109 -4107 il.com	Sar	mple Log-In Check List
Client Name: GHD Midland	Work Order Numb	ber: 220	4062			RcptNo; 1
Received By: Tracy Casarrubias 4	/2/2022 10:00:00 A	M				
Completed By: Tracy Casarrubias 4	/2/2022 11:23:41 A	M				
Reviewed By: 20 04/02/2022						
Chain of Custody						
1. Is Chain of Custody complete?		Yes		No		Not Present
2. How was the sample delivered?		Cou	rier			
Log In						
3. Was an attempt made to cool the samples?		Yes	\checkmark	No		NA 🗌
4. Were all samples received at a temperature of	>0° C to 6.0°C	Yes		No		
5. Sample(s) in proper container(s)?		Yes		No		
6. Sufficient sample volume for indicated test(s)?		Yes	~	No		
7. Are samples (except VOA and ONG) properly pr	eserved?	Yes		No		
8. Was preservative added to bottles?		Yes		No	~	
9. Received at least 1 vial with headspace <1/4" fo	AQ VOA?	Yes		No		NA
10. Were any sample containers received broken?		Yes		No		
11 Data and a state of the state of the			-			# of preserved bottles checked
(Note discrepancies on chain of custody)		Yes		No		for pH:
12. Are matrices correctly identified on Chain of Cus	tody?	Yes		No		Adjusted?
13. Is it clear what analyses were requested?		Yes		No		
14. Were all holding times able to be met?		Yes		No		Checked by: TMC 4/2/22
(If no. notify customer for authorization.)					1	1
Special Handling (if applicable)					1	
15. Was client notified of all discrepancies with this	order?	Yes		No		NA 🔽
Person Notified:	Date:					
By Whom:	Via:	eMa		hone	Fax	In Person
Regarding:						
Client Instructions:						
16. Additional remarks:						
17. <u>Cooler Information</u> Cooler No Temp °C Condition Seal In	ntact Seal No	Seal Da	ate	Signed B	У	
4.7 Good Yes						

•

Page 1 of 1

Chain-of-Custody Record	Turn-Around Time:							<i>Kec</i>
Client: GHD	C Standard Z Rush	24 45		HAI	L EN	VIRO	NMENTAL	eivea
	Project Name:			ANA	TSAIN	SLAB	SORATORY	by by
Mailing Address:	Vates AS	tee		WWW	hallenviror	imental.co	E	UCD.
2135 S. Loop 250 W. Midland, TX 79703	Project #:		4 2014		zr - Albuqu	lerque, N	M 87109	: 3/2
Phone #: (432) 686-0086	10482211			62-040-00	Analysis	505-345-	4107	//20
email or Fax#: Becky.Haskell@ghd.com	Project Manager:		(Isanhavi		24
QA/QC Package:	Becky Haskell Tom Larson		CB, ² (8051)	SWIS	05 '*0			2:30:2:
Accreditation:	Sampler: Heath Boyd		982 P DRC MB's	1) (1	о ^{з,} Р			PM
	On Ice: X Yes	ON 🗆	T \:	.405 01 8	N "	(\0		
	# of Coolers: 2		Side (GF	018 70		0 W 0		
		つっし、カーダー とう	rm USD Dife	6the	ME 1, 1 (AC	ime 300		
Date Time Matrix Sample Name	Container Preservative ² Type and # Type	3.3 - 8 - 3 - 3 - 0 HEAL No.	VX3T8 108:H9 1081 Pe	M) 80: (d sHA	260 (VC	hloride S) 072		
3/31/22 1040 5 BHX-11	402. Jul 1, N/A	300007	N I X	d E	8 С	2 C 8		
1 1045 1 BHX-12	-		, , , ,			2 -		
1050 RHX-13		000	X X	1		X		T
		2005	X X			x		-
1005 C 1547-14		CON	XX			X		
x 1100 × 124X-15	× ×	SOO	x x			×		1
								1
								1
								1
								-
						+		
Date: Time: Relinquished bv:	Received hur Via.	i						-
Sk1/zz 1600 233 Date: Time: Relinquished by: Image: 1900 0.010	Received by: Via:	Date Time	Remark Chase_ Heath.Bc	s: Please e Settle@eo Z yd@ghd.c	gresources ach.Comin om Along v	er_Griffin(s.com; Tor o@ghd.co vith Becky	@eogresources.com, n.Larson@ghd.com; om; 'Haskell listed above.	Page
If necessary, samples submitted to Hall Environmental may hereither	Antiparter for other and the difference of the d	JILIUL					oellie	<u>e 4:</u>
		I nis serves as notice of this	possibility. Any sub	-contracted dat	a will be clearly	notated on the	e analytical report.	§∕ 0J ℑ
								4



April 12, 2022

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

RE: Yates AS Fee

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

OrderNo.: 2204068

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/2/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204068

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	WX-19	
Project:	Yates AS Fee		(Collection Date	e: 3/3	31/2022 11:40:00 AM	
Lab ID:	2204068-001	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		900	60	mg/Kg	20	4/8/2022 4:16:13 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	570	9.8	mg/Kg	1	4/7/2022 5:36:24 AM	66640
Motor Oi	I Range Organics (MRO)	430	49	mg/Kg	1	4/7/2022 5:36:24 AM	66640
Surr: [ONOP	105	51.1-141	%Rec	1	4/7/2022 5:36:24 AM	66640
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	25	mg/Kg	5	4/6/2022 1:53:11 AM	66613
Surr: E	3FB	114	37.7-212	%Rec	5	4/6/2022 1:53:11 AM	66613
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.12	mg/Kg	5	4/6/2022 1:53:11 AM	66613
Toluene		ND	0.25	mg/Kg	5	4/6/2022 1:53:11 AM	66613
Ethylben	zene	ND	0.25	mg/Kg	5	4/6/2022 1:53:11 AM	66613
Xylenes,	Total	ND	0.50	mg/Kg	5	4/6/2022 1:53:11 AM	66613
Surr: 4	4-Bromofluorobenzene	103	70-130	%Rec	5	4/6/2022 1:53:11 AM	66613

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

Qualifiers:

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

Page 1 of 10

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204068

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	VX-20	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	31/2022 11:45:00 AM	
Lab ID:	2204068-002	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		550	61	mg/Kg	20	4/8/2022 4:28:38 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	210	9.3	mg/Kg	1	4/7/2022 10:34:58 PM	66640
Motor Oi	I Range Organics (MRO)	380	46	mg/Kg	1	4/7/2022 10:34:58 PM	66640
Surr: [ONOP	111	51.1-141	%Rec	1	4/7/2022 10:34:58 PM	66640
EPA MET	HOD 8015D: GASOLINE RANGI	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	4/6/2022 2:40:30 AM	66613
Surr: E	3FB	98.7	37.7-212	%Rec	1	4/6/2022 2:40:30 AM	66613
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	4/6/2022 2:40:30 AM	66613
Toluene		ND	0.048	mg/Kg	1	4/6/2022 2:40:30 AM	66613
Ethylben	zene	ND	0.048	mg/Kg	1	4/6/2022 2:40:30 AM	66613
Xylenes,	Total	ND	0.095	mg/Kg	1	4/6/2022 2:40:30 AM	66613
Surr: 4	4-Bromofluorobenzene	98.6	70-130	%Rec	1	4/6/2022 2:40:30 AM	66613

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204068

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	VX-21	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	31/2022 11:50:00 AM	
Lab ID:	2204068-003	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1000	60	mg/Kg	20	4/8/2022 4:41:03 PM	66731
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	83	9.7	mg/Kg	1	4/7/2022 6:48:08 AM	66640
Motor Oi	l Range Organics (MRO)	160	48	mg/Kg	1	4/7/2022 6:48:08 AM	66640
Surr: [DNOP	101	51.1-141	%Rec	1	4/7/2022 6:48:08 AM	66640
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	4/6/2022 3:04:12 AM	66613
Surr: E	BFB	96.8	37.7-212	%Rec	1	4/6/2022 3:04:12 AM	66613
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.024	mg/Kg	1	4/6/2022 3:04:12 AM	66613
Toluene		ND	0.049	mg/Kg	1	4/6/2022 3:04:12 AM	66613
Ethylben	izene	ND	0.049	mg/Kg	1	4/6/2022 3:04:12 AM	66613
Xylenes,	Total	ND	0.098	mg/Kg	1	4/6/2022 3:04:12 AM	66613
Surr: 4	4-Bromofluorobenzene	99.0	70-130	%Rec	1	4/6/2022 3:04:12 AM	66613

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204068

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	WX-22	
Project:	Yates AS Fee		(Collection Date	e: 3/3	31/2022 11:55:00 AM	
Lab ID:	2204068-004	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		1600	60	mg/Kg	20	4/8/2022 4:53:27 PM	66731
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	51	10	mg/Kg	1	4/7/2022 7:59:46 AM	66640
Motor Oi	I Range Organics (MRO)	82	50	mg/Kg	1	4/7/2022 7:59:46 AM	66640
Surr: [DNOP	102	51.1-141	%Rec	1	4/7/2022 7:59:46 AM	66640
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/6/2022 3:27:54 AM	66613
Surr: E	BFB	96.7	37.7-212	%Rec	1	4/6/2022 3:27:54 AM	66613
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.025	mg/Kg	1	4/6/2022 3:27:54 AM	66613
Toluene		ND	0.050	mg/Kg	1	4/6/2022 3:27:54 AM	66613
Ethylben	izene	ND	0.050	mg/Kg	1	4/6/2022 3:27:54 AM	66613
Xylenes,	Total	ND	0.099	mg/Kg	1	4/6/2022 3:27:54 AM	66613
Surr: 4	4-Bromofluorobenzene	96.2	70-130	%Rec	1	4/6/2022 3:27:54 AM	66613

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204068

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	WX-23	
Project:	Yates AS Fee		(Collection Dat	e: 3/3	31/2022 12:00:00 PM	
Lab ID:	2204068-005	Matrix: SOIL		Received Date	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		1200	60	mg/Kg	20	4/8/2022 5:05:51 PM	66731
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	210	9.1	mg/Kg	1	4/7/2022 8:49:11 AM	66640
Motor Oi	I Range Organics (MRO)	290	46	mg/Kg	1	4/7/2022 8:49:11 AM	66640
Surr: [DNOP	97.8	51.1-141	%Rec	1	4/7/2022 8:49:11 AM	66640
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	4/6/2022 3:51:35 AM	66613
Surr: E	BFB	96.2	37.7-212	%Rec	1	4/6/2022 3:51:35 AM	66613
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.025	mg/Kg	1	4/6/2022 3:51:35 AM	66613
Toluene		ND	0.050	mg/Kg	1	4/6/2022 3:51:35 AM	66613
Ethylben	izene	ND	0.050	mg/Kg	1	4/6/2022 3:51:35 AM	66613
Xylenes,	Total	ND	0.099	mg/Kg	1	4/6/2022 3:51:35 AM	66613
Surr: 4	4-Bromofluorobenzene	98.2	70-130	%Rec	1	4/6/2022 3:51:35 AM	66613

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

Qualifiers:

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

Page 5 of 10

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204068

Date Reported: 4/12/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: SV	VX-24	
Project:	Yates AS Fee		(Collect	tion Dat	e: 3/3	31/2022 12:05:00 PM	
Lab ID:	2204068-006	Matrix: SOIL		Recei	ved Dat	e: 4/2	2/2022 10:00:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	LRN
Chloride		1500	60		mg/Kg	20	4/8/2022 5:18:15 PM	66731
EPA MET	HOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	ED
Diesel R	ange Organics (DRO)	2400	92		mg/Kg	10	4/8/2022 3:19:38 PM	66640
Motor Oi	I Range Organics (MRO)	1200	460		mg/Kg	10	4/8/2022 3:19:38 PM	66640
Surr: [ONOP	0	51.1-141	S	%Rec	10	4/8/2022 3:19:38 PM	66640
EPA MET	HOD 8015D: GASOLINE RAN	IGE					Analyst	BRM
Gasoline	Range Organics (GRO)	91	25		mg/Kg	5	4/6/2022 10:42:00 AM	66613
Surr: E	BFB	281	37.7-212	S	%Rec	5	4/6/2022 10:42:00 AM	66613
EPA MET	HOD 8021B: VOLATILES						Analyst	BRM
Benzene		ND	0.12		mg/Kg	5	4/6/2022 10:42:00 AM	66613
Toluene		ND	0.25		mg/Kg	5	4/6/2022 10:42:00 AM	66613
Ethylben	zene	1.6	0.25		mg/Kg	5	4/6/2022 10:42:00 AM	66613
Xylenes,	Total	1.6	0.50		mg/Kg	5	4/6/2022 10:42:00 AM	66613
Surr: 4	4-Bromofluorobenzene	118	70-130		%Rec	5	4/6/2022 10:42:00 AM	66613

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

Qualifiers:

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- Н Holding times for preparation or analysis exceeded
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- PQL Practical Quanitative Limit
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- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
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Page 6 of 10

Client: Project:	GHD Mi Yates AS	dland 5 Fee							
Sample ID:	MB-66731	SampType	: mblk	Tes	tCode: EPA Method	l 300.0: Anions			
Client ID:	PBS	Batch ID:	66731	F	RunNo: 87136				
Prep Date:	4/8/2022	Analysis Date:	4/8/2022	5	SeqNo: 3080929	Units: mg/Kg			
Analyte		Result P	QL SPK val	ue SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5						
Sample ID:	LCS-66731	SampType	: Ics	Tes	tCode: EPA Method	l 300.0: Anions			
Client ID:	LCSS	Batch ID:	66731	F	RunNo: 87136				
Prep Date:	4/8/2022	Analysis Date:	4/8/2022	S	SeqNo: 3080930	Units: mg/Kg			
Analyte		Result P	QL SPK val	ue SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.	00 0	90.2 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

2204068

12-Apr-22

WO#:

all Environmental Analysis Laboratory, Inc.		12-Apr-22
	WO#:	2204068

Client:	GHD Mi	dland									
Project:	Yates AS	S Fee									
Sample ID: LC	CS-66640	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LC	SS	Batch	n ID: 66	640	F	RunNo: 8	7063				
Prep Date: 4	/5/2022	Analysis D	ate: 4/	6/2022	5	SeqNo: 3	077500	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Orga	anics (DRO)	48	10	50.00	0	96.0	68.9	135			
Surr: DNOP		4.7		5.000		94.6	51.1	141			
Sample ID: ME	B-66640	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PE	BS	Batch	n ID: 66	640	F	RunNo: 8	7063				
Prep Date: 4	/5/2022	Analysis D	ate: 4/	6/2022	S	SeqNo: 3	077502	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Orga	anics (DRO)	ND	10								
Motor Oil Range O	rganics (MRO)	ND	50								
Surr: DNOP		9.5		10.00		95.2	51.1	141			

Qualifiers:

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- D Sample Diluted Due to Matrix
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- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank В
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 8 of 10

Client: GHD	Midland										
Project: Yates	AS Fee										
Sample ID: Ics-66613	SampTy	ype: LC	S	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch	ID: 66	613	F	unNo: 87	7013					
Prep Date: 4/4/2022	Analysis Da	ate: 4/	6/2022	S	eqNo: 3	074581	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137				
Surr: BFB	2300		1000		228	37.7	212			S	
Sample ID: mb-66613	SampTy	ype: ME	BLK	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch	ID: 66	613	F	lunNo: 87	7013					
Prep Date: 4/4/2022	Analysis Da	ate: 4/	6/2022	S	eqNo: 3	074582	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Surr: BFB	1000		1000		102	37.7	212				

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
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2204068

12-Apr-22

WO#:

GHD Midland

Yates AS Fee

Client:

Project:

Sample ID: Ics-66613	Sample ID: Ics-66613 SampType: LCS						TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch	n ID: 666	613	R	unNo: 87	7013								
Prep Date: 4/4/2022	Analysis D	ate: 4/	6/2022	S	eqNo: 30	074630	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	91.3	80	120							
Toluene	0.93	0.050	1.000	0	92.7	80	120							
Ethylbenzene	0.93	0.050	1.000	0	93.1	80	120							
Xylenes, Total	2.8	0.10	3.000	0	92.7	80	120							
Surr: 4-Bromofluorobenzene	0.89		1.000		88.6	70	130							
Sample ID: mb-66613	SampT	ype: MB	LK	Tes	tCode: EF	PA Method	8021B: Volat	iles						
Sample ID: mb-66613 Client ID: PBS	SampT Batch	ype: MB	6LK 613	Tesi R	tCode: EF	PA Method 7013	8021B: Volat	iles						
Sample ID: mb-66613 Client ID: PBS Prep Date: 4/4/2022	SampT Batch Analysis D	ype: MB 1D: 660 ate: 4/	6LK 613 6/2022	Tesi R S	tCode: EF tunNo: 87 SeqNo: 30	PA Method 7013 074631	8021B: Volat Units: mg/K	tiles Kg						
Sample ID: mb-66613 Client ID: PBS Prep Date: 4/4/2022 Analyte	SampT Batch Analysis D Result	ype: MB ID: 666 ate: 4/0 PQL	6LK 613 6/2022 SPK value	Tesi R SPK Ref Val	tCode: EF tunNo: 87 SeqNo: 30 %REC	PA Method 7013 074631 LowLimit	8021B: Volat Units: mg/K HighLimit	iles (g %RPD	RPDLimit	Qual				
Sample ID: mb-66613 Client ID: PBS Prep Date: 4/4/2022 Analyte Benzene	SampT Batch Analysis D Result ND	ype: MB D: 666 Pate: 4/0 PQL 0.025	6LK 613 6/2022 SPK value	Tesi R S SPK Ref Val	tCode: EF tunNo: 87 SeqNo: 30 %REC	PA Method 7013 074631 LowLimit	8021B: Volat Units: mg/K HighLimit	tiles Kg %RPD	RPDLimit	Qual				
Sample ID: mb-66613 Client ID: PBS Prep Date: 4/4/2022 Analyte Benzene Toluene	SampT Batch Analysis D Result ND ND	ype: MB ID: 666 Pate: 4/0 PQL 0.025 0.050	5 LK 513 5/2022 SPK value	Tesi R SPK Ref Val	tCode: EF RunNo: 87 GeqNo: 30 %REC	PA Method 7013 074631 LowLimit	8021B: Volat Units: mg/K HighLimit	iiles (g %RPD	RPDLimit	Qual				
Sample ID: mb-66613 Client ID: PBS Prep Date: 4/4/2022 Analyte Benzene Toluene Ethylbenzene	SampT Batch Analysis D Result ND ND ND	ype: MB DD: 666 Pate: 4/0 PQL 0.025 0.050 0.050	SLK 513 6/2022 SPK value	Tesi R SPK Ref Val	tCode: EF RunNo: 87 SeqNo: 30 %REC	PA Method 7013 074631 LowLimit	8021B: Volat Units: mg/K HighLimit	illes (g %RPD	RPDLimit	Qual				
Sample ID: mb-66613 Client ID: PBS Prep Date: 4/4/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batch Analysis D Result ND ND ND ND	ype: MB a ID: 666 Pate: 4/0 PQL 0.025 0.050 0.050 0.10	SLK S13 6/2022 SPK value	Tesi R SPK Ref Val	tCode: EF RunNo: 87 SeqNo: 3(%REC	PA Method 7013 074631 LowLimit	8021B: Volat Units: mg/K HighLimit	illes (g %RPD	RPDLimit	Qual				

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Page 10 of 10

WO#: 2204068

12-Apr-22

ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environn. TEL: 505-345. Website: wy	iental Ana. 49 Albuquei -3975 FAX vw.halleny	lysis Lai 201 Haw rque, NI 1: 505-3 tironmer	boratory kins NE M 87109 45-4107 ntal.com	Sa	neck List	
Client Name: GHD Midland	Work Order Nur	nber: 220	04068			RcptNo: 1	1
Received By: Tracy Casarrubias	4/2/2022 10:00:00) AM					
Completed By: Tracy Casarrubias	4/2/2022 1:40:57	PM					
Reviewed By: Se 1/4/22							
Chain of Custody							
1. Is Chain of Custody complete?		Yes		N	•	Not Present	
2. How was the sample delivered?		Cou	urier				
Log In							
3. Was an attempt made to cool the samples?		Yes		No	•		
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes		No	•		
5. Sample(s) in proper container(s)?		Yes		No			
6. Sufficient sample volume for indicated test(s)?	Yes	~	No			
7. Are samples (except VOA and ONG) proper	y 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			
10. Were any sample containers received broke	n?	Yes		No	•	# of preserved	1
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	~	No		bottles checked for pH:	
12. Are matrices correctly identified on Chain of	Custody?	Yes		No		Adjusted?	∠ unless noted)
13. Is it clear what analyses were requested?		Yes		No			nol I
 Were all holding times able to be met? (If no. notify customer for authorization.) 		Yes		No		Checked by: K	14 4/4/4
Special Handling (if applicable)							
15. Was client notified of all discrepancies with t	his order?	Yes		No		NA 🔽	
Person Notified:	Date	-					
By Whom:	Via:	🗌 eMa	ail 🗌	Phone	Fax	In Person	
Regarding:							
Client Instructions:							
16. Additional remarks:							
17. Cooler Information							
Cooler No Temp °C Condition Se	al Intact Seal No	Seal Da	ate	Signed I	Ву		
2 3.3 Good Ves							

Released to Imaging: 9/13/2022 8:20:05 AM

Client GHO Mail From Marken Mail From Marken Mail From Marken Mail From Marken Project Name: Project Name: Mail From Marken Project Name: Mail From Marken Mail From Marken 11 25 25 25 25 24 11 25 25 24 11 25 25 26 25 26 <th>Chain-of</th> <th>-Custody Record</th> <th>Turn-Around</th> <th>Time:</th> <th></th> <th>Ē</th> <th></th> <th>F</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Rec</th>	Chain-of	-Custody Record	Turn-Around	Time:		Ē		F								Rec
Mailing Address: Polici Liame: Milling Address: Milling Address: <th>Client: GHD</th> <th></th> <th>- ☑ Standard</th> <th>M Rus</th> <th>h Snaw</th> <th></th> <th></th> <th></th> <th>AN</th> <th></th> <th>N</th> <th>LIR.</th> <th>NO</th> <th>LN U</th> <th>AL</th> <th>eived</th>	Client: GHD		- ☑ Standard	M Rus	h Snaw				AN		N	LIR.	NO	LN U	AL	eived
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Phone #: (42) 868-0065 (122 8 °C) mill of Farkt Beck/Haskellightd.com Project Manager: 0 mill of Farkt Beck/Haskellightd.com Project Manager: 0 Accore Package Date Hank Sampler: Head Accore Package Date Hank Sampler: Head Accorefiation: Date Head Kerk & Maistellightd.com Accorefiation Accorefiation: Date Mark & Sampler: Maisten Societie Accorefiation Accorefiation: Date Time Maintx Sampler: Maintx Sampler: Maintx Accorefiation: Date Time Maintx Sampler: Maintx Sampler: Maintx Accorefiation: Date Time Maintx Sampler: Maintx Sampler: Maintx Accorefiation: Date Maintx Sampler: Maintx Sampler: Maintx Sampler: Maintx Sampler: Maintx Sampler: Maintx Sampler: Maintx Sampler:<	2135 S. Loop 250 M	I. Midland, TX 79703	Project #:	ġ		Ē	Tel	505-2	45-30	75	Fav	ENE.	10 MIN .	103		5/2
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Date Time Matrix Sample Name Cooler Temposerator: $4.7 - 6.5$ $5.1 + 7.6$ 5.5 5.6 6.6 <td>EDD (Type)</td> <td></td> <td># of Coolers:</td> <td>2</td> <td></td> <td>/ 38 </td> <td>B B</td> <td>səpi</td> <td>01</td> <td>slet</td> <td>150</td> <td>0</td> <td>M</td> <td></td> <td>_</td> <td></td>	EDD (Type)		# of Coolers:	2		/ 38 	B B	səpi	01	slet	150	0	M		_	
Date Time Matrix Sample Name Container Preservative 2.2.0.100.100 Exp and # Type The Matrix Sample Name Container Preservative 2.2.0.100.100 Exp and # Sample Name Container Preservative 2.2.0.100.100 Exp and % Sample Name Container Preservative 2.2.0.100 Contener Preservative 2.2.0.100 <thco< td=""><td></td><td></td><td>Cooler Temp</td><td>(including CF): 4</td><td>32-1-2-2-</td><td>ТM</td><td></td><td>othe</td><td>83</td><td>eMe</td><td>(AC</td><td>-ime</td><td>300</td><td></td><td>_</td><td></td></thco<>			Cooler Temp	(including CF): 4	32-1-2-2-	ТM		othe	83	eMe	(AC	-ime	300		_	
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Date: Time: Relinquished by: Received by: Via: Date Time Remarks: Please email: Amber_Griffin@eogresources.com, X51/22 100 X1/22 100 Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Date: Time: Relinquished by: Remarks: Please email: Amber_Griffin@eogresources.com, Date: Time: Relinquished by: Remarks: Please email: Amber_Griffin@eogresources.com, Date: Time: Relinquished by: Remarks: Please_Settle@eogresources.com; Tom.Larson@ghd.com; Date: Time: Relinquished by: Zach.Comino@ghd.com; Zach.Comino@ghd.com; Muture: Muture: Moutour, Zach.Comino@ghd.com; Date Muture: Muture: Moutour, Zach.Comino@ghd.com; Date																11
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May 04, 2022

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

OrderNo.: 2204B36

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates AS Fee

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/27/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204B36

Date Reported: 5/4/2022

CLIENT: GHD Midland		Cl	ient S	ample II	D: SW	V-17A	
Project: Yates AS Fee		(Collec	tion Dat	e: 4/2	25/2022 1:30:00 PM	
Lab ID: 2204B36-001	Matrix: SOIL		Recei	ved Dat	e: 4/2	27/2022 7:10:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	650	60		mg/Kg	20	4/27/2022 11:58:19 PM	67123
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS					Analyst	JME
Diesel Range Organics (DRO)	960	97		mg/Kg	10	4/29/2022 9:11:30 AM	67094
Motor Oil Range Organics (MRO)	1300	490		mg/Kg	10	4/29/2022 9:11:30 AM	67094
Surr: DNOP	0	51.1-141	S	%Rec	10	4/29/2022 9:11:30 AM	67094
EPA METHOD 8015D: GASOLINE RAI	NGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	18		mg/Kg	5	4/27/2022 3:41:53 PM	G87547
Surr: BFB	97.0	37.7-212		%Rec	5	4/27/2022 3:41:53 PM	G87547
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.089		mg/Kg	5	4/27/2022 3:41:53 PM	R87547
Toluene	ND	0.18		mg/Kg	5	4/27/2022 3:41:53 PM	R87547
Ethylbenzene	ND	0.18		mg/Kg	5	4/27/2022 3:41:53 PM	R87547
Xylenes, Total	ND	0.36		mg/Kg	5	4/27/2022 3:41:53 PM	R87547
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	5	4/27/2022 3:41:53 PM	R87547

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

Qualifiers:

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

Page 1 of 5

Client: Proiect:	GHD M Yates A	Aidland AS Fee									
Sample ID: Client ID:	MB-67123 PBS	SampT Batch	ype: m t 1D: 67	olk 123	Tes R	tCode: EF	PA Method 7579	300.0: Anion	S		
Prep Date:	4/27/2022	Analysis D	ate: 4/	27/2022	S	eqNo: 30	99437	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-67123	SampT	ype: Ics	5	Tes	tCode: EF	A Method	300.0: Anion	s		
Client ID:	LCSS	Batch	n ID: 67	123	R	unNo: 87	7579				
Prep Date:	4/27/2022	Analysis D	ate: 4/	27/2022	S	eqNo: 30	99438	Units: mg/K	g		
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

2204B36

04-May-22

WO#:

Page	<i>454</i>	of	544
0			

WO#:	2204B36

04-May-22

Client:	GHD Midland											
Project:	Yates AS Fee											
Sample ID: LCS-6	7094 Sa	mpType:	LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	E	Batch ID:	67094	L I	F	RunNo: 87	7551					
Prep Date: 4/27/2	2022 Analys	Analysis Date: 4/27/2022			S	SeqNo: 30	098117	Units: mg/K	g			
Analyte	Resu	ılt PG	QL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	(DRO) 5	0	10	50.00	0	101	68.9	135				
Surr: DNOP	3.	8		5.000		76.6	51.1	141				
Sample ID: MB-67	094 Sa	mpType:	MBL	(Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: PBS	E	Batch ID:	67094	ļ.	F	RunNo: 87	7551					
Prep Date: 4/27/2	2022 Analys	sis Date:	4/27/	2022	5	SeqNo: 30	098118	Units: mg/K	g			
Analyte	Resu	ılt PG	QL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	(DRO) N	D	10									
Motor Oil Range Organi	cs (MRO) N	D	50									
Surr: DNOP	8.	2		10.00		82.3	51.1	141				

Qualifiers:

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- ND Not Detected at the Reporting Limit
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- S % Recovery outside of range due to dilution or matrix interference
- B Analyte 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

Released to Imaging: 9/13/2022 8:20:05 AM

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Page 455 of 5	544
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WO#:	2204B36

04-May-22

Client:	GHD Mic	iland									
Project:	Yates AS	Fee									
Sample ID: mb	b	SampTy	pe: ME	BLK	Tes	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Client ID: PB	BS	Batch	ID: G8	7547	R	unNo: 8	7547				
Prep Date:		Analysis Da	ate: 4/	27/2022	S	eqNo: 3	098795	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Or	rganics (GRO)	ND	5.0								
Surr: BFB		990		1000		99.0	37.7	212			
Sample ID: 2.5	5ug gro lcs	SampTy	pe: LC	S	Tes	Code: EF	PA Method	8015D: Gaso	ine Rang	e	
Client ID: LC	CSS	Batch	ID: G8	7547	R	unNo: 8 7	7547				
Prep Date:		Analysis Da	ate: 4/	27/2022	S	eqNo: 3	098796	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Or	rganics (GRO)	21	5.0	25.00	0	84.9	72.3	137			
Surr: BFB		1900		1000		192	37.7	212			
Sample ID: mb	b-67073	SampTy	pe: ME	BLK	Tes	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Client ID: PB	BS	Batch	ID: 67	073	R	unNo: 87	7547				
Prep Date: 4/	/26/2022	Analysis Da	ate: 4/	27/2022	S	eqNo: 3	098815	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		1000		1000		101	37.7	212			
Sample ID: Ics	s-67073	SampTy	pe: LC	S	Tes	Code: EF	PA Method	8015D: Gaso	ine Rang	e	
Client ID: LC	CSS	Batch	ID: 67	073	R	unNo: 8	7547				
Prep Date: 4	/26/2022	Analysis Da	ate: 4/	27/2022	S	eqNo: 3	098816	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		2200		1000		216	37.7	212			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

Page 4 of 5

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	GHD Mi	dland										
Project:	Yates AS	S Fee										
Sample ID:	mb	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles			
Client ID:	PBS	Batc	h ID: R8	7547	R	unNo: 87	7547					
Prep Date:		Analysis [Date: 4/	27/2022	S	eqNo: 3	098843	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		ND	0.025									
Toluene		ND	0.050									
Ethylbenzene		ND	0.050									
Xylenes, Total		ND	0.10									
Surr: 4-Brom	ofluorobenzene	1.0		1.000		100	70	130				
Sample ID:	100ng btex lcs	Samp	Гуре: LC	S	TestCode: EPA Method 8021B: Volatiles							
Client ID:	LCSS	Batc	h ID: R8	7547	R	unNo: 87	7547					
Prep Date:		Analysis [Date: 4/	27/2022	S	eqNo: 3	098844	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	83.8	80	120				
Toluene		0.89	0.050	1.000	0	89.1	80	120				
Ethylbenzene		0.90	0.050	1.000	0	90.1	80	120				
Xylenes, Total		2.7	0.10	3.000	0	90.7	80	120				
Surr: 4-Brom	ofluorobenzene	1.0		1.000		101	70	130				
Sample ID:	mb-67073	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles			
Client ID:	PBS	Batc	h ID: 67	073	R	unNo: 87	7547					
Prep Date:	4/26/2022	Analysis [Date: 4/	27/2022	S	eqNo: 3	098863	Units: %Rec	;			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Brom	ofluorobenzene	0.98		1.000		97.6	70	130				
Sample ID:	LCS-67073	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles			
Client ID:	LCSS	Batc	h ID: 67	073	R	unNo: 87	7547					
Prep Date:	4/26/2022	Analysis [Date: 4/	27/2022	S	eqNo: 30	098864	Units: %Rec	;			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Brom	ofluorobenzene	1.0		1.000		103	70	130				

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

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

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

WO#: 2204B	36
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04-May-22

ved by	Client Name: GHD Midland					lall Enviro EL: 505-3 Website:	nmental An Albuqu 45-3975 FA www.haller	alysis La 1901 Ha erque, N X: 505- wironma	aboratory wkins NE IM 87109 345-4107 ental.com	Sample Log-In Check List				
Clier	nt Name:	GHD Mi	dland		Wo	rk Order N	lumber: 2	204B36			RcptNo: 1			
Recei	ived By:	Juan R	lojas		4/27/2	022 7:10:	:00 AM		que	way	1-			
Comp Revie	pleted By: ewed By:	Tracy C	Casarrubias - 27-22		4/27/2	022 8:08:	51 AM							
Chair	n of Cu	stody												
1. Is (Chain of C	Custody cor	mplete?				V		N	<u>а</u> П	Not Propost			
2. Ho	ow was the	e sample de	elivered?				Co	ourier						
100	In													
3. Wa	as an atter	mpt made t	o cool the sa	mples?			Ye	s 🔽	N	• 🗆				
4. We	ere all sam	ples receiv	red at a temp	erature of	>0° C	to 6.0°C	Ye	s 🔽	N	• 🗆				
5. Sar	mple(s) in	proper cor	ntainer(s)?				Ye	s 🔽	N	• 🗆				
6. Suff	ficient san	nple volum	e for indicate	d test(s)?			Ye	. 🗸	No					
7. Are	samples	(except VO	A and ONG)	properly	preserv	ved?	Yes		No					
8. Was	s preserva	ative added	to bottles?				Yes	• 🗆	No		NA 🗖			
9. Rec	eived at le	east 1 vial v	with headspa	ce <1/4" f	or AQ	VOA?	Yes		No					
10. We	ere any sai	mple conta	iners receive	d broken?	,		Ye	s 🗆	No		# of preserved	/		
11. Doe (Not	es paperwo te discrepa	ork match b ancies on c	oottle labels?	odv)			Yes		No		bottles checked for pH:	inlose noted)		
2. Are	matrices of	correctly ide	entified on Cl	hain of Cu	istody?	6	Yes		No	П	Adjusted?	mess noted)		
3. Is it	clear wha	t analyses	were request	ted?			Yes		No	$\overline{\Box}$		1 1		
4. Wer (If no	e all holdi o, notify c	ng times al ustomer for	ole to be met r authorizatio	? n.)			Yes		No		Checked by: JA	127122		
pecia	al Handl	ing (if ap	oplicable)							-				
15.Was	s client no	tified of all	discrepancie	s with this	s order	?	Ye	•	No		NA 🗹			
	Person	Notified:				Da	te:			-				
	By Who	om:	1		-	Via	a: nel	1ail 🔽	Phone	Fax				
	Regard	ing:	1							1				
	Client Ir	nstructions:	1											
16. Add	ditional rer	marks:												
7. Cod	oler Infor	mation												
C	Cooler No	Temp °C	C Conditio	n Seal	Intact	Seal No	Seal D	Date	Signed	Bv				
1		5.4	Good	Yes	_				3	.,				
2		5.2	Good	Yes										

Page 1 of 1

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[™] ×	- Alt		Analy	Þ	OS '*Oc	10 ⁵ ' E	Ν '	' ² 0	;' Br, N	J 'IC)										
	W.na	075	CIE				0	slet	9M 8 A9	RCF	1									3	
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	Haw	205	-000	-		(1.	7 09	g po	odteM) (EDB	1										
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		1	1		(1208) s	TMB'		BE	TM / X:	318	×							-	1	Rer	-
Turn-Around Time: ロ Standard ダ Rush <i>ご</i> メん	Yates AS Fee	Project #:	11228401	Project Manager:	Beeky Haskell @ SHD. com	Sampler: Heath Boyd & GHD, COM	On Ice: Dr Yes D No	# of Coolers: "2-	Cooler Temp(Including CF): 5-146-2-5-9 (°C	Type and # Type	ther July what our									Received by: Via: Date Time	Received by: Via: Date Time
I-of-Custody Record	5: 2135 S. Loop 250 W.	, TX 79703	2-686-0036	Ton. Larson @ CAHD. COM	:	□ Az Compliance	□ Other	-		Matrix Sample Name	5 SW-17A									Relinquished by:	Relinquished by:
ain	Idres	nod	43	:#xe	kage. d	:uo		ype)		ne	350									30	
ย ่	ng Ac	dia	e #:	or F	C Pac	ditati	LAC			Ë	2 13	_	_		_	_				Tim.	Time V01
Clien	Mailir	in	hond	mail	DA/Q(vccre	E R			ate	1254									te: {shr	ite:



May 06, 2022

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

OrderNo.: 2204C45

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates AS Fee

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/28/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204C45

Date Reported: 5/6/2022

CLIENT:	GHD Midland	Client Sample ID: SW-10A											
Project:	Yates AS Fee		(Collection Dat	e: 4/2	26/2022 1:00:00 PM							
Lab ID:	2204C45-001	Matrix: SOIL		Received Date: 4/28/2022 2:45:00 PM									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch						
EPA MET	THOD 300.0: ANIONS					Analyst	CAS						
Chloride		86	60	mg/Kg	20	4/28/2022 11:05:21 PM	67152						
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED						
Diesel Ra	ange Organics (DRO)	170	9.5	mg/Kg	1	4/29/2022 11:53:10 AM	67140						
Motor Oil	Range Organics (MRO)	360	47	mg/Kg	1	4/29/2022 11:53:10 AM	67140						
Surr: [DNOP	73.6	51.1-141	%Rec	1	4/29/2022 11:53:10 AM	67140						
EPA ME	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB						
Gasoline	Range Organics (GRO)	ND	4.1	mg/Kg	1	4/28/2022 5:17:33 PM	G87603						
Surr: E	3FB	101	37.7-212	%Rec	1	4/28/2022 5:17:33 PM	G87603						
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB						
Benzene		ND	0.021	mg/Kg	1	4/28/2022 5:17:33 PM	B87603						
Toluene		ND	0.041	mg/Kg	1	4/28/2022 5:17:33 PM	B87603						
Ethylben	zene	ND	0.041	mg/Kg	1	4/28/2022 5:17:33 PM	B87603						
Xylenes,	Total	ND	0.083	mg/Kg	1	4/28/2022 5:17:33 PM	B87603						
Surr: 4	I-Bromofluorobenzene	98.5	70-130	%Rec	1	4/28/2022 5:17:33 PM	B87603						

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

Qualifiers:

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

Page 1 of 5

Client:	GHD	Midland										
Project:	Yates	AS Fee										
Sample ID:	MB-67152	SampT	ype: mb	lk	Tes	tCode: EF	PA Method	300.0: Anions	6			
Client ID:	PBS	Batch	n ID: 671	52	F	RunNo: 87	7612					
Prep Date:	4/28/2022	Analysis D	ate: 4/2	28/2022	S	SeqNo: 31	101219	Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		ND	1.5									
Sample ID:	LCS-67152	SampT	ype: Ics		Tes	tCode: EF	PA Method	300.0: Anions	5			
Client ID:	LCSS	Batch	n ID: 671	52	F	RunNo: 87	7612					
Prep Date:	4/28/2022	Analysis D)ate: 4/2	28/2022	S	101220	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		14	1.5	15.00	0	91.6	90	110				

Qualifiers:

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

Page 2 of 5

WO#: 2204C45 06-May-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

GHD M	idland									
Yates A	S Fee									
LCS-67140	SampT	ype: LC	S	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
LCSS	Batc	n ID: 671	140	F	RunNo: 87	613				
4/28/2022	Analysis I	Date: 4/2	28/2022	S	SeqNo: 31	01296	Units: mg/K	g		
	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
rganics (DRO)	42	10	50.00	0	84.0	68.9	135			
	4.2		5.000		84.7	51.1	141			
MB-67140	Samp	ype: ME	BLK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
		51						J.	- J	
PBS	Batcl	n ID: 671	140	F	RunNo: 87	7613		J	9	
PBS 4/28/2022	Batcl Analysis [n ID: 67 1 Date: 4/ 2	140 28/2022	F	RunNo: 87 SeqNo: 3 1	7613 101300	Units: mg/K	g		
PBS 4/28/2022	Batcl Analysis I Result	n ID: 67 1 Date: 4/ 2 PQL	140 28/2022 SPK value	F SPK Ref Val	RunNo: 87 SeqNo: 3 1 %REC	7613 101300 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
PBS 4/28/2022 rganics (DRO)	Batcl Analysis [Result ND	n ID: 67 1 Date: 4/ 2 PQL 10	140 28/2022 SPK value	F SPK Ref Val	RunNo: 87 SeqNo: 3 1 %REC	7613 101300 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
PBS 4/28/2022 rganics (DRO) Organics (MRO)	Batch Analysis I Result ND ND	n ID: 67 1 Date: 4/ 2 PQL 10 50	140 28/2022 SPK value	F SPK Ref Val	RunNo: 87 SeqNo: 3 1 %REC	7613 101300 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
	GHD M Yates A LCS-67140 LCSS 4/28/2022 rganics (DRO)	GHD Midland Yates AS Fee LCS-67140 SampT LCSS Batcl 4/28/2022 Analysis E Result rganics (DRO) 42 4.2 MB-67140 SampT	GHD Midland Yates AS Fee LCS-67140 SampType: LC LCSS Batch ID: 674 4/28/2022 Analysis Date: 4/2 Result PQL rganics (DRO) 42 10 4.2 MB-67140 SampType: ME	GHD Midland Yates AS Fee LCS-67140 SampType: LCS LCSS Batch ID: 67140 4/28/2022 Analysis Date: 4/28/2022 Result PQL SPK value rganics (DRO) 42 10 50.00 4.2 5.000 MB-67140 SampType: MBLK	GHD Midland Yates AS Fee Tes LCS-67140 SampType: LCS Tes LCSS Batch ID: 67140 F 4/28/2022 Analysis Date: 4/28/2022 S Result PQL SPK value SPK Ref Val rganics (DR0) 42 10 50.00 0 MB-67140 SampType: MBLK Tes	GHD Midland Yates AS Fee LCS-67140 SampType: LCS TestCode: EF LCSS Batch ID: 67140 RunNo: 87 4/28/2022 Analysis Date: 4/28/2022 SeqNo: 31 Result PQL SPK value SPK Ref Val %REC rganics (DRO) 42 10 50.00 0 84.0 4.2 5.000 84.7	GHD Midland Yates AS Fee LCS-67140 SampType: LCS TestCode: EPA Method LCSS Batch ID: 67140 RunNo: 87613 4/28/2022 Analysis Date: 4/28/2022 SeqNo: 3101296 Result PQL SPK value SPK Ref Val %REC LowLimit rganics (DRO) 42 10 50.00 0 84.0 68.9 4.2 5.000 84.7 51.1	GHD Midland Yates AS Fee LCS-67140 SampType: LCS TestCode: EPA Method 8015M/D: Die: LCSS Batch ID: 67140 RunNo: 87613 4/28/2022 Analysis Date: 4/28/2022 SeqNo: 3101296 Units: mg/K rganics (DRO) 42 10 50.00 0 84.0 68.9 135 4/28-7140 SampType: MBLK TestCode: EPA Method 8015M/D: Die: 141	GHD Midland Yates AS Fee LCS-67140 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range LCSS Batch ID: 67140 RunNo: 87613 4/28/2022 Analysis Date: 4/28/2022 SeqNo: 3101296 Units: mg/Kg rganics (DRO) 42 10 50.00 0 84.0 68.9 135 4/28-7140 SampType: MB-67140 TestCode: EPA Method 8015M/D: Diesel Range	GHD Midland Yates AS Fee LCS-67140 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics LCSS Batch ID: 67140 RunNo: 87613 4/28/2022 Analysis Date: 4/28/2022 SeqNo: 3101296 Units: mg/Kg rganics (DRO) 42 10 50.00 0 84.7 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

WO#:	2204C45
	06-May-22

Client: Proiect:	GHD Midland Yates AS Fee									
	10000110100									
Sample ID: mb	Sam	рТуре: МІ	BLK	Tes	tCode: EF	A Method	8015D: Gasol	ine Range		
Client ID: PBS	Bat	ich ID: G	37603	F	RunNo: 87	603				
Prep Date:	Analysis	Date: 4/	29/2022	5	SeqNo: 31	00391	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organio	cs (GRO) ND	5.0								
Surr: BFB	990		1000		98.7	37.7	212			
Sample ID: 2.5ug	gro Ics Sam	pType: LC	s	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range		
Client ID: LCSS	Bat	tch ID: G	37603	F	RunNo: 87	603				
Prep Date:	Analysis	Date: 4/	28/2022	S	SeqNo: 31	00392	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organio	cs (GRO) 24	5.0	25.00	0	97.0	72.3	137			
Surr: BFB	2000		1000		204	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

Page 4 of 5

2204C45

06-May-22

WO#:

GHD Midland

Client:

Project: Yates A	S Fee												
Sample ID: mb	Samp	Туре: МЕ	BLK	Tes	stCode: EF								
Client ID: PBS	Batc	h ID: B8	7603	F	RunNo: 87								
Prep Date:	Analysis I	Date: 4/	29/2022	5	SeqNo: 31	100434	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	1.0		1.000		101	70	130						
Sample ID: 100ng btex lcs	Samp	Type: LC	S	Tes	stCode: EF								
Client ID: LCSS	Batc	h ID: B8	7603	F	RunNo: 87	7603							
Prep Date:	Analysis I	Date: 4/	28/2022	Ş	SeqNo: 31	100435	Units: mg/K	nits: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.85	0.025	1.000	0	85.4	80	120						
Toluene	0.91	0.050	1.000	0	91.1	80	120						
Ethylbenzene	0.93	0.050	1.000	0	92.7	80	120						
Xylenes, Total	2.8	0.10	3.000	0	93.5	80	120						
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130						

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

2204C45

06-May-22

WO#:

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmer TEL: 505-345-39 Website: www	ntal Analy. 490 Albuquerq 975 FAX: v.hallenvir	sis Laboratory 1 Hawkins NE ue, NM 87109 505-345-4107 onmental.com	S	Sample Log-In Check List						
Client Name: GHD Midland	Work Order Numb	ber: 2204	C45			RcptNo: 1					
Received By: Joseph Alderette 4/2	28/2022 2:45:00 F	РМ		ļ4							
Completed By: Tracy Casarrubias 4/2	28/2022 2:49:58 F	РМ									
Reviewed By: Sca 4/25/22											
Chain of Custody											
1. Is Chain of Custody complete?		Yes		No		Not Present					
2. How was the sample delivered?		Cour	ier								
<u>Log In</u>											
b. Was an attempt made to cool the samples?		Yes		No [
. Were all samples received at a temperature of >(0° C to 6.0°C	Yes		No [
Sample(s) in proper container(s)?		Yes		No [
Sufficient sample volume for indicated test(s)?		Yes		No []						
Are samples (except VOA and ONG) properly pre-	served?	Yes	~	No [
. Was preservative added to bottles?		Yes		No		NA 🗌					
. Received at least 1 vial with headspace <1/4" for A	AQ VOA?	Yes		No [3						
). Were any sample containers received broken?		Yes		No B							
1. Does paperwork match bottle labels?		Yes	✓	No [# of preserved bottles checked for pH:					
(Note discrepancies on chain of custody)	4.0			. F	-	(<2 or >12 dnless noted)					
Is it clear what analyses were requested?	ay?	Yes	⊻		-	Adjusted?					
Were all holding times able to be met? (If no, notify customer for authorization.)		Yes [ן ב	Checked by: DAID 4/28/22					
pecial Handling (if applicable)											
5. Was client notified of all discrepancies with this or	der?	Yes		No [NA 🗹					
Person Notified:	Date:				-						
By Whom:	Via:	eMai	I D Phone	F	ax	In Person					
Regarding:				<u> </u>							
Client Instructions:		_			-						
5. Additional remarks:											
Cooler Information	not Cost No.	Carlo									
1 2.4 Good Yes	aut Seal NO	SearDa	le Sign	led By	-						

Page 1 of 1

Time: Relinquished by:	HA/22 800 Relinquished by:	(27/2)02	22 2:5	6:23	2 <u>M</u>			4/21/2 300 S SW-10A	Date Time Matrix Sample Name		EDD (Type)	NELAC Other	Accreditation: Az Compliance	Standard Level 4 (Full Validation)	QA/QC Package:	email or Fax#: Tom. Larson @ GHD. LOM	Phone #: 432-626-0086	Midland, TX 79703	Mailing Address: 2135 S. Loop 250	Page	Acclient: GHD	of 5 Chain-of-Custody Record
Received by: Via: Date Time	Received by: Via: Date Time							Horsel 1 N/A 001	Container Preservative HEAL No. Type and # Type 2 204 c45	Cooler Temp(including CF): Z.4-0-7.4 (°C	# of Coolers: /	On Ice: TYes INO	Sampler: Heath. Boy JOGHD. COM	on) "Ten":	Becky. Haskell @GHD. Com,	Project Manager:	10422211	Project #:	W. Yates AS Fer	Project Name:	□ Standard ØRush こイムー	Turn-Around Time:
	Remarks:							× × ×	BTEX / TPH:80 8081 P EDB (M PAHs t RCRA CI, F, I 8260 (V 8270 (S Total C	MT MT Metho py 83 8 Mee Br, N /OA) Semi- olifor 2002	BE (GF ide od 5 i10 itals i00 itals	/ T RO / s/80 504 or { 3 3 , N (Pre	ME DR2 082 .1) 3277 002, 102,	PC PC 0SIM PO 1/Al 20	302 ⁻ MR B's MS 4, S	1) O) O ₄	Analysis Request	Tel. 505-345-3975 Fax 505-345-4107	4901 Hawkins NE - Albuquergue, NM 87109	www.hallenvironmental.com	ANALYSIS LABORATORY	

Released to Imaging: 9/13/2022 8:20:05 AM

Received by OCD: 5/27/2022 2:56:23 PM

•

1001 ISONOA2

Released to Imaging: 9/13/2022 8:20:05 AM



May 09, 2022

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

OrderNo.: 2204C79

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates AS Fee

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/29/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109
Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204C79

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BI	HX-11	
Project:	Yates AS Fee		(Collection Dat	e: 4/2	27/2022 12:00:00 PM	
Lab ID:	2204C79-001	Matrix: SOIL		Received Date	e: 4/2	29/2022 7:10:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		1400	60	mg/Kg	20	4/29/2022 5:30:09 PM	67170
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: JME
Diesel R	ange Organics (DRO)	1000	44	mg/Kg	5	4/29/2022 11:36:59 AM	67158
Motor Oi	I Range Organics (MRO)	490	220	mg/Kg	5	4/29/2022 11:36:59 AM	67158
Surr: [DNOP	80.8	51.1-141	%Rec	5	4/29/2022 11:36:59 AM	67158
EPA MET	HOD 8015D: GASOLINE RANG	θE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	18	mg/Kg	5	4/29/2022 9:27:06 AM	G87621
Surr: E	3FB	129	37.7-212	%Rec	5	4/29/2022 9:27:06 AM	G87621
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.091	mg/Kg	5	4/29/2022 9:27:06 AM	B87621
Toluene		ND	0.18	mg/Kg	5	4/29/2022 9:27:06 AM	B87621
Ethylben	zene	ND	0.18	mg/Kg	5	4/29/2022 9:27:06 AM	B87621
Xylenes,	Total	ND	0.37	mg/Kg	5	4/29/2022 9:27:06 AM	B87621
Surr: 4	1-Bromofluorobenzene	96.8	70-130	%Rec	5	4/29/2022 9:27:06 AM	B87621

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

Qualifiers:

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

Page 1 of 7

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204C79

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sa	ample II	D: BH	HX-14	
Project:	Yates AS Fee		(Collect	tion Dat	e: 4/2	27/2022 12:10:00 PM	
Lab ID:	2204C79-002	Matrix: SOIL		Recei	ved Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS						Analyst	LRN
Chloride		1600	60		mg/Kg	20	4/29/2022 5:42:29 PM	67170
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	JME
Diesel R	ange Organics (DRO)	2700	97		mg/Kg	10	4/29/2022 10:36:36 AM	67158
Motor Oi	l Range Organics (MRO)	1100	490		mg/Kg	10	4/29/2022 10:36:36 AM	67158
Surr: [DNOP	0	51.1-141	S	%Rec	10	4/29/2022 10:36:36 AM	67158
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RANGE	E					Analyst	NSB
Gasoline	e Range Organics (GRO)	28	20		mg/Kg	5	4/29/2022 9:50:45 AM	G87621
Surr: E	BFB	177	37.7-212		%Rec	5	4/29/2022 9:50:45 AM	G87621
EPA MET	THOD 8021B: VOLATILES						Analyst	NSB
Benzene		ND	0.10		mg/Kg	5	4/29/2022 9:50:45 AM	B87621
Toluene		ND	0.20		mg/Kg	5	4/29/2022 9:50:45 AM	B87621
Ethylben	izene	0.47	0.20		mg/Kg	5	4/29/2022 9:50:45 AM	B87621
Xylenes,	Total	ND	0.40		mg/Kg	5	4/29/2022 9:50:45 AM	B87621
Surr: 4	4-Bromofluorobenzene	103	70-130		%Rec	5	4/29/2022 9:50:45 AM	B87621

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204C79

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	HX-15	
Project:	Yates AS Fee		(Collection Dat	e: 4/2	27/2022 12:20:00 PM	
Lab ID:	2204C79-003	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst:	CAS
Chloride		2000	150	mg/Kg	50	5/2/2022 7:22:51 PM	67170
EPA MET	THOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst:	JME
Diesel R	ange Organics (DRO)	410	8.9	mg/Kg	1	4/29/2022 11:08:57 AM	67158
Motor Oi	l Range Organics (MRO)	200	45	mg/Kg	1	4/29/2022 11:08:57 AM	67158
Surr: I	DNOP	95.1	51.1-141	%Rec	1	4/29/2022 11:08:57 AM	67158
EPA MET	THOD 8015D: GASOLINE RAN	IGE				Analyst:	NSB
Gasoline	e Range Organics (GRO)	ND	19	mg/Kg	5	4/29/2022 10:14:23 AM	G87621
Surr: I	BFB	100	37.7-212	%Rec	5	4/29/2022 10:14:23 AM	G87621
EPA MET	THOD 8021B: VOLATILES					Analyst:	NSB
Benzene	9	ND	0.093	mg/Kg	5	4/29/2022 10:14:23 AM	B87621
Toluene		ND	0.19	mg/Kg	5	4/29/2022 10:14:23 AM	B87621
Ethylben	izene	ND	0.19	mg/Kg	5	4/29/2022 10:14:23 AM	B87621
Xylenes,	Total	ND	0.37	mg/Kg	5	4/29/2022 10:14:23 AM	B87621
Surr: 4	4-Bromofluorobenzene	96.8	70-130	%Rec	5	4/29/2022 10:14:23 AM	B87621

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

Qualifiers:

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

Page 3 of 7

Client: Project:	GHD N Yates A	Iidland AS Fee									
Sample ID: Client ID:	MB-67170 PBS	SampT Batch	ype: mt 1 ID: 67	olk 170	Tesi	tCode: EF	PA Method 7647	300.0: Anion	S		
Prep Date:	4/29/2022	Analysis D	ate: 4/	29/2022	S	SeqNo: 31	02914	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-67170	SampT	ype: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ו ID: 67	170	R	RunNo: 87	7647				
Prep Date:	4/29/2022	Analysis D	ate: 4/	29/2022	S	SeqNo: 31	02915	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.4	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

2204C79

09-May-22

Client: GHD M	idland									
Project: Yates A	S Fee									
Sample ID: MB-67158	SampT	Type: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: PBS	Batcl	h ID: 67	158	F	RunNo: 87	7609				
Prep Date: 4/29/2022	Analysis D	Date: 4/	29/2022	S	SeqNo: 3	102248	Units: mg/#	٤g		
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		87.0	51.1	141			
Sample ID: LCS-67158	SampT	Гуре: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batcl	h ID: 67	158	F	RunNo: 87	7609				
Prep Date: 4/29/2022	Analysis D	Date: 4/	29/2022	5	SeqNo: 3	102249	Units: mg/k	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.6	68.9	135			
Surr: DNOP	4.1		5.000		81.8	51.1	141			

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

2204C79

09-May-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	GHD Mic Yates AS	lland Fee									
Sample ID:	mb	SampT	ype: MI	BLK	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Prep Date:	FBS	Analysis D	ate: 4	/29/2022	S	SeqNo: 3	102438	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 1000	5.0	1000		100	37.7	212			
Sample ID:	2.5ug gro Ics	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch	n ID: G8	37621	F	RunNo: 8	7621				
Prep Date:		Analysis D	ate: 4	/29/2022	S	SeqNo: 3	102439	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	5.0	25.00	0	100	72.3	137			
Surr: BFB		2100		1000		208	37.7	212			
Sample ID:	2204c79-001ams	SampT	ype: M	S	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID:	BHX-11	Batch	n ID: G 8	37621	F	RunNo: 8	7621				
Prep Date:		Analysis D	ate: 4	/29/2022	S	SeqNo: 3	102444	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	86	18	91.37	16.48	76.4	70	130			
Surr: BFB		7400		3655		203	37.7	212			
Sample ID:	2204c79-001amsd	SampT	ype: M	SD	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	BHX-11	Batch	n ID: G 8	37621	F	RunNo: 8	7621				
Prep Date:		Analysis D	ate: 4	/29/2022	S	SeqNo: 3	102445	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	110	18	91.37	16.48	104	70	130	25.4	20	R
Surr: BFB		8300		3655		227	37.7	212	0	0	S

Qualifiers:

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

2204C79

09-May-22

Client: Project:

Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total

Prep Date: Analyte Benzene Toluene Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

13

4.3

0.40

11.97

3.990

Client:	GHD Mie	dland									
Project:	Y ates AS	Fee									
Sample ID: mb		SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS		Batc	h ID: B8	7621	F	RunNo: 8	7621				
Prep Date:		Analysis E	Date: 4/	29/2022	S	SeqNo: 3	102497	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-Bromofluorok	penzene	0.98		1.000		97.7	70	130			
Sample ID: 100ng	g btex lcs	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	;	Batcl	h ID: B8	7621	F	RunNo: 8	7621				
Prep Date:		Analysis E	Date: 4/	29/2022	S	SeqNo: 3	102498	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	83.8	80	120			
Toluene		0.89	0.050	1.000	0	89.2	80	120			
Ethylbenzene		0.91	0.050	1.000	0	91.0	80	120			
Xylenes, Total		2.8	0.10	3.000	0	91.7	80	120			
Surr: 4-Bromofluorok	penzene	1.0		1.000		100	70	130			
Sample ID: 2204c	:79-002ams	SampT	Гуре: МS	6	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BHX-	14	Batcl	h ID: B8	7621	F	RunNo: 8	7621				
Prep Date:		Analysis E	Date: 4/	29/2022	S	SeqNo: 3	102503	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		4.0	0.10	3.990	0	99.8	68.8	120			
Toluene		4.2	0.20	3.990	0	106	73.6	124			
Ethylbenzene		4.7	0.20	3.990	0.4665	105	72.7	129			

Sample ID: 2204c79-002amsd	SampType: MSD			Tes						
Client ID: BHX-14	Batch	1D: B8	7621	F	unNo: 8	7621				
Prep Date:	Analysis D	ate: 4/2	29/2022	S	eqNo: 3	102504	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	4.5	0.10	3.990	0	112	68.8	120	11.5	20	
Toluene	4.8	0.20	3.990	0	120	73.6	124	12.8	20	
Ethylbenzene	5.4	0.20	3.990	0.4665	122	72.7	129	13.5	20	
Xylenes, Total	15	0.40	11.97	0.2354	119	75.7	126	13.6	20	
Surr: 4-Bromofluorobenzene	4.4		3.990		111	70	130	0	0	

0.2354

Qualifiers:

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

104

107

75.7

70

126

130

- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

2204C79

09-May-22

	TEL: 505- Website	4 Albuque 345-3975 FA :: www.hallen	901 Hawl erque, NM X: 505-34 vironment	kins NE (87109 5-4107 tal.com	Sa	mple Log-In Check List
Client Name: GHD Midland	Work Order	Number: 22	04C79			RcptNo: 1
Received By: Juan Rojas	4/29/2022 7:10	0:00 AM		Hen	ng g	1-
Completed By: Tracy Casarrubias Reviewed By: 4-29-22	4/29/2022 7:46	5:48 AM				
Chain of Custody						
1. Is Chain of Custody complete?		Va		N.	П	
2. How was the sample delivered?		Co		NO	Ц	Not Present
Log In						
3. Was an attempt made to cool the samples?		Yes		No		
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes		No		
5. Sample(s) in proper container(s)?		Yes		No		
6. Sufficient sample volume for indicated test(s)	?	Yes		No	П	
7. Are samples (except VOA and ONG) properly	preserved?	Yes		No	п	
8. Was preservative added to bottles?		Yes		No		NA 🗌
9. Received at least 1 vial with headspace <1/4"	for AQ VOA?	Ver		No		
10. Were any sample containers received broker	1?	Yes		No		# of preserved
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No (bottles checked for pH:
12. Are matrices correctly identified on Chain of C	ustody?	Yes		No [7	(<2 or >12 unless noted) Adjusted?
13. Is it clear what analyses were requested?		Yes	V	No [51	
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes		No [ΞĮ	Checked by: JN 4/29/2
Special Handling (if applicable)					~	
15. Was client notified of all discrepancies with th	is order?	Yes		No [
Person Notified:	Da	te:			-	
By Whom:	Via	a: 🗌 eMa	il 🗌 Pł		ax	
Regarding:						
16. Additional remarks:						
17 Cooler Information						
Cooler No Temp °C Condition	Intent C. Itt	I. and				
1 1.9 Good Yes	Seal No	Seal Dat	ie (Signed By		

Page 1 of 1

Receiv	red by	CKY CKY	" D: 5/.	27/2	2022	2:5	6:23 PM	[_									Page 477 of 544
	HALL ENVIRONME ANALYSIS LABOR/ www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107				rei: 000-040-0970 Fax 000-040-4107 Analysis Request	(; ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	M Nypseu SUWS SIWS SIWS SIWS SIWS	3082 I (000 (000 (000 (000 (000) (00	287 1 50 1 50 1 50 1 50 1 50 1 50	aticic sticic sticic Meta Meta Meta Mithoc Mitorm	TPH:801 2081 Pe: 2081 Pe: 2081 Pe: 2081 Pe: 20145 Br 20145 Br 20145 Br 20145 Br 20145 Br 20145 Col 20145 C			×				imarks: Please Enail: Tom, Berry, Ureth, iber chithe Eccresserres. com asc-sutthe Eccresserres. com ch. comine Eccresserres. com ch. comine Eccresserres. com rect Bill to: ECC Ath. Chest " sibility. Any sub-contracted data will be clearly notated on the analytical repo
Turn-Around Time:	□ Standard Z Kush Z Y & ~	Project Name:	Yates AS Fee	Project #:	11228401	Project Manager:	Berky. Hasked @ GHDlen	Sampler: Hoth. Boyd & GHD. Com	# of Coolers: 1	Cooler Temp(Including CF): 1.9-021,09 (°C)	Container Preservative HEAL No. Type and # Type	Hor. Just rula 001		X X X				Received by: Via: Date Time Re Received by: Via: Date Time C Received by: Via: Date Time C Intracted to other accredited laboratories. This serves as notice of this pos
Chain-of-Custody Record	Client: CHD		Mailing Address: 2135 5. 6007 750 W.	Midland, TX 79703	Phone #: 432-686-0086	email or Fax#: Ton. Larson @ GHD, COM	QA/QC Package:	Accreditation:	EDD (Type)		Date Time Matrix Sample Name	11-XHA 6 0021 L2/h	1 1210 1 BHK-14	× 1220 × BHX-15				Date: Time: Relinquished by: 1/2 T 1/2 C 1/2 C Date: Time: Relinquished by: 0 3 A 10 0 0 1 ate: Relinquished by: 1 1 A 10 0 0 1 f necessary, samples submitted to Hall Environmental may be subco



May 09, 2022

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

OrderNo.: 2204D43

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates As Fee

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/30/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204D43

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: BH	H-72A	
Project:	Yates As Fee		(Collection Dat	e: 4/2	28/2022 12:00:00 PM	
Lab ID:	2204D43-001	Matrix: SOIL		Received Dat	e: 4/3	30/2022 8:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI
Chloride		2200	60	mg/Kg	20	5/3/2022 11:51:22 AM	67219
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	270	9.5	mg/Kg	1	5/3/2022 2:42:02 AM	67195
Motor Oi	l Range Organics (MRO)	200	47	mg/Kg	1	5/3/2022 2:42:02 AM	67195
Surr: I	DNOP	84.0	51.1-141	%Rec	1	5/3/2022 2:42:02 AM	67195
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	3.9	mg/Kg	1	4/30/2022 3:50:00 PM	A87642
Surr: I	BFB	99.7	37.7-212	%Rec	1	4/30/2022 3:50:00 PM	A87642
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.019	mg/Kg	1	4/30/2022 3:50:00 PM	B87642
Toluene		ND	0.039	mg/Kg	1	4/30/2022 3:50:00 PM	B87642
Ethylben	izene	ND	0.039	mg/Kg	1	4/30/2022 3:50:00 PM	B87642
Xylenes,	Total	ND	0.077	mg/Kg	1	4/30/2022 3:50:00 PM	B87642
Surr: 4	4-Bromofluorobenzene	79.5	70-130	%Rec	1	4/30/2022 3:50:00 PM	B87642

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

Qualifiers:

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

Page 1 of 7

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204D43

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sample II): Bł	H-95A	
Project:	Yates As Fee		(Collection Dat	e: 4/2	28/2022 12:10:00 PM	
Lab ID:	2204D43-002	Matrix: SOIL		Received Dat	e: 4/3	30/2022 8:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI
Chloride		1600	60	mg/Kg	20	5/3/2022 12:03:42 PM	67219
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	15	8.8	mg/Kg	1	5/3/2022 3:06:21 AM	67195
Motor Oi	il Range Organics (MRO)	ND	44	mg/Kg	1	5/3/2022 3:06:21 AM	67195
Surr: I	DNOP	85.7	51.1-141	%Rec	1	5/3/2022 3:06:21 AM	67195
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	3.7	mg/Kg	1	4/30/2022 4:10:00 PM	A87642
Surr: I	BFB	104	37.7-212	%Rec	1	4/30/2022 4:10:00 PM	A87642
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	ND	0.019	mg/Kg	1	4/30/2022 4:10:00 PM	B87642
Toluene		ND	0.037	mg/Kg	1	4/30/2022 4:10:00 PM	B87642
Ethylben	izene	ND	0.037	mg/Kg	1	4/30/2022 4:10:00 PM	B87642
Xylenes,	Total	ND	0.075	mg/Kg	1	4/30/2022 4:10:00 PM	B87642
Surr: 4	4-Bromofluorobenzene	81.1	70-130	%Rec	1	4/30/2022 4:10:00 PM	B87642

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

Qualifiers:

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

Page 2 of 7

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204D43

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sample II): SV	VX-24A						
Project:	Yates As Fee		(Collection Dat	e: 4/2	28/2022 12:20:00 PM						
Lab ID:	2204D43-003	Matrix: SOIL	Received Date: 4/30/2022 8:30:00 AM									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA MET	THOD 300.0: ANIONS					Analyst	NAI					
Chloride		1000	59	mg/Kg	20	5/3/2022 12:16:02 PM	67219					
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED					
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	5/3/2022 3:30:40 AM	67195					
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	5/3/2022 3:30:40 AM	67195					
Surr: I	DNOP	76.5	51.1-141	%Rec	1	5/3/2022 3:30:40 AM	67195					
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM					
Gasoline	e Range Organics (GRO)	ND	3.8	mg/Kg	1	4/30/2022 4:29:00 PM	A87642					
Surr: I	BFB	99.3	37.7-212	%Rec	1	4/30/2022 4:29:00 PM	A87642					
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM					
Benzene	9	ND	0.019	mg/Kg	1	4/30/2022 4:29:00 PM	B87642					
Toluene		ND	0.038	mg/Kg	1	4/30/2022 4:29:00 PM	B87642					
Ethylben	izene	ND	0.038	mg/Kg	1	4/30/2022 4:29:00 PM	B87642					
Xylenes,	Total	ND	0.076	mg/Kg	1	4/30/2022 4:29:00 PM	B87642					
Surr: 4	4-Bromofluorobenzene	80.2	70-130	%Rec	1	4/30/2022 4:29:00 PM	B87642					

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

Qualifiers:

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

Page 3 of 7

Client: Project:	GHD N Yates A	/lidland As Fee									
Sample ID: Client ID:	MB-67219 PBS	SampT Batch	⁻ ype: mł n ID: 67	olk 219	Tes F	tCode: EF	PA Method 7695	300.0: Anion	s		
Prep Date:	5/3/2022	Analysis D)ate: 5/	3/2022	S	eqNo: 31	06788	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-67219	SampT	ype: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	n ID: 67	219	F	unNo: 87	7695				
Prep Date:	5/3/2022	Analysis D)ate: 5/	3/2022	S	eqNo: 3	106789	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	91.4	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

2204D43

09-May-22

Client: GHD	O Midland									
Project: Yate	s As Fee									
Sample ID: MB-67195	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batc	h ID: 67	195	F	RunNo: 8	7671				
Prep Date: 5/2/2022	Analysis I	Date: 5/	2/2022	S	SeqNo: 3	104298	Units: mg/#	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)) ND	50								
Surr: DNOP	5.2		10.00		52.4	51.1	141			
Sample ID: LCS-67195	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batc	h ID: 67	195	F	RunNo: 8	7694				
Prep Date: 5/2/2022	Analysis [Date: 5/	3/2022	S	SeqNo: 3	105598	Units: mg/k	٢g		
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	3.6		5.000		72.7	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

2204D43

09-May-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: (GHD Midland									
Project:	Yates As Fee									
Sample ID: 2.5ug GF	RO Ics Sa	mpType: L(cs	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID: LCSS	E	atch ID: A	87642	F	RunNo: 8	7642				
Prep Date:	Analys	sis Date: 4	/30/2022	5	SeqNo: 3	102627	Units: mg/k	٢g		
Analyte	Resu	ılt PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics ((GRO) 2	25 5.0	25.00	0	101	72.3	137			
Surr: BFB	210	0	1000		212	37.7	212			S
Sample ID: mb	Sa	трТуре: М	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	E	Batch ID: A	87642	F	RunNo: 8	7642				
Prep Date:	Analys	sis Date: 4	/30/2022	S	SeqNo: 3	102628	Units: mg/ł	٢g		
Analyte	Resu	ılt PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics ((GRO) N	D 5.0								
Surr: BFB	110	0	1000		106	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

WO#: 2204D43 09-May-22 GHD Midland

Yates As Fee

Client:

Project:

Be То Etł Xν

Р A Be То Etł Ху

Sample ID: 100ng BTEX Ics

Client ID: LCSS

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

Batch ID: B87642

Prep Date:	Analysis [Date: 4/	30/2022	S	SeqNo: 3	102639	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	94.8	80	120			
Toluene	0.98	0.050	1.000	0	98.2	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.7	80	120			
Surr: 4-Bromofluorobenzene	0.85		1.000		85.2	70	130			
Sample ID: mb	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: B8	7642	F	RunNo: 8	7642				
Prep Date:	Analysis [Date: 4/	30/2022	S	SeqNo: 3	102640	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	0.85		1.000		85.2	70	130			

TestCode: EPA Method 8021B: Volatiles

RunNo: 87642

Qualifiers:

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

Page 7 of 7

WO#: 2204D43

09-May-22

		RONMENT YSIS RATORY	AL	Ti	EL: 505-345- Website: ww	49 Albuquer -3975 FAX. vw.hallenvi	01 Hawk que, NM 505-34 ironment	tins NE 87109 5-4107 tal.com	Sai	mple Log-In Check List
С	lient Name:	GHD Midla	and	Wor	k Order Nur	mber: 220	4D43			RcptNo: 1
Re	eceived By:	Juan Roj	as	4/30/2	022 8:30:00	D AM		Gun	may	h-
Co Re	ompleted By:	Juan Roj 7 04/30	as 12022	4/30/2	022 8:55:27	AM		Hen	nay	
Ch	ain of Cus	tody								
1.	Is Chain of C	ustody comp	olete?			Yes	~	N	•	Not Present
2.	How was the	sample deliv	vered?			Cou	rier			
L	og In									
3.	Was an atterr	pt made to	cool the samp	oles?		Yes	V	N	•	
4. 1	Were all samp	oles received	d at a tempera	ature of >0° C	to 6.0°C	Yes		N	•	
5.	Sample(s) in I	oroper conta	iner(s)?			Yes	•	N	• 🗆	
6. 8	Sufficient sam	ple volume i	for indicated to	est(s)?		Yes	~	No		
7. 4	Are samples (except VOA	and ONG) pro	operly preserv	ed?	Yes	~	No		
3. ι	Was preservat	tive added to	bottles?			Yes		No	~	NA 🗌
9. F	Received at le	ast 1 vial wit	h headspace	<1/4" for AQ \	VOA?	Yes		No		NA 🗸
0.1	Were any san	nple containe	ers received b	roken?		Yes		No		# of preserved
1.c (Does paperwo Note discrepa	rk match bo ncies on cha	ttle labels? ain of custody)		Yes	~	No		bottles checked for pH: (<2 or >12 unless noted)
2. A	Are matrices c	orrectly iden	tified on Chai	n of Custody?		Yes	~	No		Adjusted?
3. 1	s it clear what	analyses we	ere requested	?		Yes	~	No		
4.v (Vere all holdir If no, notify cu	ng times able stomer for a	e to be met? uthorization.)			Yes	~	No		Checked by: JN4/30/22
pe	cial Handli	ng (if app	olicable)							
5.1	Was client not	ified of all di	iscrepancies v	with this order	?	Yes		No		
	Person I	Notified:			Date		-			
	By Who	m:			Via:	🗌 eMa	ail 🗌	Phone	Fax	In Person
	Regardin	ng:								
0	Client In	structions:								
0.	Additional ren	harks:								
7.	Cooler Inform Cooler No	nation Temp ºC	Condition	Seal Intact	Seal No	Seal Da	ate	Signed	Ву	
	1	5.5	Good							

Page 1 of 1

Receive			D: 5/2	27/2	2022	2:56	5:23 PN	1															Pag	je 487	of .
	STS I ABODATO	O I ADORAL OTO	ivironmental.com Ibluquerque NM 87109	Eav EDE 24E 4407	rax 202-545-410/ Ilysis Request	(11	nəzdA	juəsa	A) Pre) uu) 0/	(AO) ime: infor infor	3260 (V 5270 (S Cá /S	× L	7	÷.										
			NE - A	075	Ana	-0	5 '06	9°0	N	tals	a Me	3 AADF CLE E) I												
			kins	245.2	0-0+0		SMIS	3270	S 10	01	y 83	d sHA9	1					-							
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	sh 24 hr		لا				1 @ GIHD.CO	LO GHDCOM	ON D	1	.) -5-5-1.0-9:	HEAL No.	100-	200-	-003							D-1- T	Contentine 180	Date Time	4130172 Ki3
I Time:	d D'Rus	e:	As Fei		8401	ager:	Hasker	coth . Boy	-B Yes	1	(including CF): 5	Preservative Type	w/w	_	X							Vio.	A A	Via:	-COUVIE
Turn-Around	□ Standaro	Project Nam	Yates	Project #:	2211	Project Mana	Becky.	Sampler: He	On Ice:	# of Coolers:	Cooler Temp	Container Type and #	Hoz. Jac/1	-	-X							Dominad hur	CNN/////////	Received by:	1ant
istody Record			5. Loop 250 W.		-0086	arson @ GHD. Con	Level 4 (Full Validation)	mpliance				Sample Name	BH-72A	BH-45A	SWX-24A							4 hu	H.	1 by:	nvv
-of-Cu	Δ		2135		- 686.	ton. 1		D Az Co	□ Other			Matrix	5	-	X							Relinguishe	o iomhilliou	Relinquishe	Whe
Chain	J H		g Address		#: 432	or Fax#: -	: Package: ndard	litation:	AC	D (Type)		Time	1200	1210	1220							Time:	0.0%)	Time:	MAN
	Client		Mailin		Phone	email	QA/QC	Accred				Date	22/4	-	-2							Date:	1/2d	Date:	RIL



May 09, 2022

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

OrderNo.: 2204D42

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Yates As Fee

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/30/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204D42

Date Reported: 5/9/2022

CLIENT:	GHD Midland	Client Sample ID: BH-113A									
Project:	Yates As Fee		(Collection Dat	e: 4/2	29/2022 1:00:00 PM					
Lab ID:	2204D42-001	Matrix: SOIL	Received Date: 4/30/2022 8:30:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	NAI				
Chloride		780	60	mg/Kg	20	5/3/2022 12:28:23 PM	67219				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED				
Diesel R	ange Organics (DRO)	210	8.6	mg/Kg	1	5/3/2022 1:04:45 AM	67195				
Motor Oi	I Range Organics (MRO)	160	43	mg/Kg	1	5/3/2022 1:04:45 AM	67195				
Surr: [DNOP	75.9	51.1-141	%Rec	1	5/3/2022 1:04:45 AM	67195				
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	3.6	mg/Kg	1	4/30/2022 1:51:00 PM	A87642				
Surr: E	3FB	98.4	37.7-212	%Rec	1	4/30/2022 1:51:00 PM	A87642				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.018	mg/Kg	1	4/30/2022 1:51:00 PM	B87642				
Toluene		ND	0.036	mg/Kg	1	4/30/2022 1:51:00 PM	B87642				
Ethylben	zene	ND	0.036	mg/Kg	1	4/30/2022 1:51:00 PM	B87642				
Xylenes,	Total	ND	0.072	mg/Kg	1	4/30/2022 1:51:00 PM	B87642				
Surr: 4	1-Bromofluorobenzene	79.8	70-130	%Rec	1	4/30/2022 1:51:00 PM	B87642				

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

Qualifiers:

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

Page 1 of 8

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204D42

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sample II): BH	-121A	
Project:	Yates As Fee		(Collection Dat	e: 4/2	9/2022 1:10:00 PM	
Lab ID:	2204D42-002	Matrix: SOIL		Received Date	e: 4/3	0/2022 8:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analysi	t: LRN
Chloride		5400	300	mg/Kg	100	5/4/2022 5:12:42 PM	67219
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	t: ED
Diesel R	ange Organics (DRO)	540	8.7	mg/Kg	1	5/3/2022 1:28:59 AM	67195
Motor Oi	I Range Organics (MRO)	320	43	mg/Kg	1	5/3/2022 1:28:59 AM	67195
Surr: [ONOP	95.8	51.1-141	%Rec	1	5/3/2022 1:28:59 AM	67195
EPA MET	HOD 8015D: GASOLINE RANG	ЭЕ				Analyst	t: BRM
Gasoline	Range Organics (GRO)	ND	3.7	mg/Kg	1	4/30/2022 2:51:00 PM	A87642
Surr: E	3FB	127	37.7-212	%Rec	1	4/30/2022 2:51:00 PM	A87642
EPA MET	HOD 8021B: VOLATILES					Analyst	t: BRM
Benzene		ND	0.018	mg/Kg	1	4/30/2022 2:51:00 PM	B87642
Toluene		ND	0.037	mg/Kg	1	4/30/2022 2:51:00 PM	B87642
Ethylben	zene	ND	0.037	mg/Kg	1	4/30/2022 2:51:00 PM	B87642
Xylenes,	Total	ND	0.073	mg/Kg	1	4/30/2022 2:51:00 PM	B87642
Surr: 4	4-Bromofluorobenzene	86.7	70-130	%Rec	1	4/30/2022 2:51:00 PM	B87642

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

Qualifiers:

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

Page 2 of 8

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204D42

Date Reported: 5/9/2022

CLIENT:	GHD Midland	Client Sample ID: BH-123A									
Project:	Yates As Fee		(Collection Dat	e: 4/2	29/2022 1:20:00 PM					
Lab ID:	2204D42-003	Matrix: SOIL	Received Date: 4/30/2022 8:30:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN				
Chloride		3300	150	mg/Kg	50	5/4/2022 5:25:06 PM	67219				
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: ED				
Diesel R	ange Organics (DRO)	700	8.8	mg/Kg	1	5/3/2022 1:53:22 AM	67195				
Motor Oi	I Range Organics (MRO)	420	44	mg/Kg	1	5/3/2022 1:53:22 AM	67195				
Surr: [DNOP	102	51.1-141	%Rec	1	5/3/2022 1:53:22 AM	67195				
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	4.0	mg/Kg	1	4/30/2022 3:11:00 PM	A87642				
Surr: E	3FB	142	37.7-212	%Rec	1	4/30/2022 3:11:00 PM	A87642				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.020	mg/Kg	1	4/30/2022 3:11:00 PM	B87642				
Toluene		ND	0.040	mg/Kg	1	4/30/2022 3:11:00 PM	B87642				
Ethylben	zene	ND	0.040	mg/Kg	1	4/30/2022 3:11:00 PM	B87642				
Xylenes,	Total	ND	0.080	mg/Kg	1	4/30/2022 3:11:00 PM	B87642				
Surr: 4	1-Bromofluorobenzene	87.2	70-130	%Rec	1	4/30/2022 3:11:00 PM	B87642				

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204D42

Date Reported: 5/9/2022

CLIENT:	GHD Midland		Cl	ient Sample II	D: SV	W-17B						
Project:	Yates As Fee	Collection Date: 4/29/2022 1:30:00 PM										
Lab ID:	2204D42-004	Matrix: SOIL	Received Date: 4/30/2022 8:30:00 AM									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI					
Chloride		ND	60	mg/Kg	20	5/3/2022 1:05:25 PM	67219					
EPA MET	THOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst	t: ED					
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	5/3/2022 2:17:37 AM	67195					
Motor Oi	l Range Organics (MRO)	ND	48	mg/Kg	1	5/3/2022 2:17:37 AM	67195					
Surr: I	DNOP	61.2	51.1-141	%Rec	1	5/3/2022 2:17:37 AM	67195					
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	BRM					
Gasoline	e Range Organics (GRO)	ND	4.5	mg/Kg	1	4/30/2022 3:30:00 PM	A87642					
Surr: I	BFB	98.3	37.7-212	%Rec	1	4/30/2022 3:30:00 PM	A87642					
EPA MET	THOD 8021B: VOLATILES					Analyst	: BRM					
Benzene		ND	0.022	mg/Kg	1	4/30/2022 3:30:00 PM	B87642					
Toluene		ND	0.045	mg/Kg	1	4/30/2022 3:30:00 PM	B87642					
Ethylben	izene	ND	0.045	mg/Kg	1	4/30/2022 3:30:00 PM	B87642					
Xylenes,	Total	ND	0.089	mg/Kg	1	4/30/2022 3:30:00 PM	B87642					
Surr: 4	4-Bromofluorobenzene	79.8	70-130	%Rec	1	4/30/2022 3:30:00 PM	B87642					

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

Qualifiers:

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

Page 4 of 8

Client: Project:	GHD Yates	Midland s As Fee									
Sample ID: Client ID:	MB-67219 PBS	SampT Batch	ype: mt	olk 219	Tes	tCode: EF	PA Method	300.0: Anion	s		
Prep Date:	5/3/2022	Analysis D	oate: 5/	3/2022	S	SeqNo: 31	106788	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-67219	SampT	ype: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ו ID: 67	219	F	RunNo: 87	7695				
Prep Date:	5/3/2022	Analysis D	ate: 5/	3/2022	S	SeqNo: 31	106789	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	91.4	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

2204D42

09-May-22

Client:	GHD Mid	land									
Project:	I ales As r	ree									
Sample ID: MB-6	7195	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS		Batch	n ID: 67	195	F	RunNo: 87	7671				
Prep Date: 5/2/2	2022	Analysis D	ate: 5/	2/2022	S	SeqNo: 31	104298	Units: mg/#	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	s (DRO)	ND	10								
Motor Oil Range Orgar	nics (MRO)	ND	50								
Surr: DNOP		5.2		10.00		52.4	51.1	141			
Sample ID: LCS-	67195	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	5	Batch	n ID: 67	195	F	RunNo: 87	7694				
Prep Date: 5/2/2	2022	Analysis D	ate: 5/	3/2022	S	SeqNo: 31	105598	Units: mg/k	íg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	s (DRO)	50	10	50.00	0	101	68.9	135			
Surr: DNOP		3.6		5.000		72.7	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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WO#: 2204D42 09-May-22 GHD Midland

Yates As Fee

Client:

Project:

Sample ID: 2.5ug GRO Ics

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

Client ID:	LCSS	Batch	ID: A8	7642	R	unNo: 87	642				
Prep Date:		Analysis D	ate: 4/	30/2022	S	eqNo: 31	02627	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	5.0	25.00	0	101	72.3	137			
Surr: BFB		2100		1000		212	37.7	212			S
Sample ID:	mb	SampT	ype: ME	BLK	Test	Code: EF	PA Method	8015D: Gaso	line Range	9	
Client ID:	PBS	Batch	ID: A8	7642	R	unNo: 87	642				
Prep Date:		Analysis D	ate: 4/	30/2022	S	eqNo: 31	02628	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	ND	5.0								
Surr: BFB		1100		1000		106	37.7	212			
Sample ID:	2204D42-002ams	SampT	ype: M \$	6	Test	Code: EF	A Method	8015D: Gaso	line Range	e	
Client ID:											
Chefit ID.	BH-121A	Batch	ID: A8	7642	R	unNo: 87	642				
Prep Date:	BH-121A	Batch Analysis D	ID: A8 ate: 4 /	7642 30/2022	R	unNo: 87 eqNo: 3 1	7642 102637	Units: mg/K	g		
Prep Date: Analyte	BH-121A	Batch Analysis D Result	ID: A8 ate: 4/ PQL	7642 30/2022 SPK value	R S SPK Ref Val	unNo: 87 eqNo: 3 1 %REC	7642 102637 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Prep Date: Analyte Gasoline Rang	BH-121A ge Organics (GRO)	Batch Analysis D Result 20	ID: A8 ate: 4/ PQL 3.7	7642 30/2022 SPK value 18.26	R S SPK Ref Val 1.366	unNo: 87 eqNo: 31 <u>%REC</u> 102	7642 02637 LowLimit 70	Units: mg/K HighLimit 130	g %RPD	RPDLimit	Qual
Prep Date: Analyte Gasoline Rang Surr: BFB	BH-121A ge Organics (GRO)	Batch Analysis D Result 20 1600	ID: A8 ate: 4/ <u>PQL</u> 3.7	7642 30/2022 SPK value 18.26 730.5	R S SPK Ref Val 1.366	unNo: 87 eqNo: 31 <u>%REC</u> 102 224	7642 02637 LowLimit 70 37.7	Units: mg/K HighLimit 130 212	g %RPD	RPDLimit	Qual S
Prep Date: Analyte Gasoline Rang Surr: BFB	BH-121A ge Organics (GRO) 2204D42-002amsc	Batch Analysis D Result 20 1600	ID: A8 ate: 4/ PQL 3.7 ype: M \$	7642 30/2022 SPK value 18.26 730.5	R S SPK Ref Val 1.366 Test	unNo: 87 eqNo: 31 %REC 102 224 Code: EF	7642 102637 LowLimit 70 37.7 PA Method	Units: mg/K HighLimit 130 212 8015D: Gaso	g %RPD line Range	RPDLimit	Qual S
Analyte Gasoline Rang Surr: BFB Sample ID: Client ID:	BH-121A ge Organics (GRO) 2204D42-002amsc BH-121A	Batch Analysis D Result 20 1600 I SampT Batch	ID: A8 ate: 4/ PQL 3.7 ype: MS ID: A8	7642 30/2022 SPK value 18.26 730.5 SD 7642	R S SPK Ref Val 1.366 Test R	unNo: 87 eqNo: 31 %REC 102 224 Code: EF unNo: 87	7642 102637 LowLimit 70 37.7 PA Method 7642	Units: mg/K HighLimit 130 212 8015D: Gaso	g %RPD line Range	RPDLimit e	Qual S

TestCode: EPA Method 8015D: Gasoline Range

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	20	3.7	18.26	1.366	102	70	130	0.0730	20		
Surr: BFB	1600		730.5		223	37.7	212	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 ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

WO#: 2204D42

GHD Midland

Yates As Fee

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Sample ID: 100ng BTEX Ics	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batch	h ID: B8	7642	F	RunNo: 8 7	7642				
Prep Date:	Analysis D	Date: 4/	30/2022	S	SeqNo: 3 '	102639	Units: mg/K	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.8	80	120			
Toluene	0.98	0.050	1.000	0	98.2	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.7	80	120			
Surr: 4-Bromofluorobenzene	0.85		1.000		85.2	70	130			
Sample ID: mb	SampT	⁻ уре: МЕ	3LK	Test	tCode: EF	PA Method	8021B: Volat	liles		
Client ID: PBS	Batch	h ID: B8	7642	R	RunNo: 8 7	7642				
Prep Date:	Analysis E	Date: 4/	30/2022	S	SeqNo: 3 [,]	102640	Units: mg/K	٤g		
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: 2204D42-001ams	SampT	ype: MS	\$	Tes	tCode: El	PA Method	8021B: Volat	iles		
Sample ID: 2204D42-001ams Client ID: BH-113A	SampT Batcl	⁻ ype: MS h ID: B8	5 7642	Tes F	tCode: EF RunNo: 8	PA Method 7642	8021B: Volat	tiles		
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date:	SampT Batch Analysis E	'ype: MS n ID: B8 Date: 4/	; 7642 30/2022	Tesi R S	tCode: EF tunNo: 8 SeqNo: 3	^{>} A Method 7642 102649	8021B: Volat	(iles (g		
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte	SampT Batch Analysis D Result	⁻ ype: M\$ h ID: B8 Date: 4/ PQL	; 7642 30/2022 SPK value	Test R S SPK Ref Val	tCode: EF ≀unNo: 8 3eqNo: 3 %REC	PA Method 7642 102649 LowLimit	8021B: Volat Units: mg/k HighLimit	iles (g %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene	SampT Batch Analysis D Result 0.66	⁻ ype: M\$ n ID: B8 Date: 4/ PQL 0.018	; 7642 30/2022 SPK value 0.7205	Test R SPK Ref Val 0	tCode: EF ≀unNo: 8 }eqNo: 3 ′ <u>%REC</u> 91.9	PA Method 7642 102649 LowLimit 68.8	8021B: Volat Units: mg/K HighLimit 120	iles (g %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene	SampT Batch Analysis D Result 0.66 0.68	[•] ype: MS n ID: B8)ate: 4/ <u>PQL</u> 0.018 0.036	<pre>; 7642 30/2022 SPK value 0.7205 0.7205</pre>	Test R SPK Ref Val 0 0	tCode: EF {unNo: 8 ; }eqNo: 3 %REC 91.9 94.9	 A Method 7642 102649 LowLimit 68.8 73.6 	8021B: Volat Units: mg/K HighLimit 120 124	iles (g %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene	SampT Batch Analysis D Result 0.66 0.68 0.69	⁻ ype: MS n ID: B8)ate: 4/ <u>PQL</u> 0.018 0.036 0.036	<pre> 7642 30/2022 SPK value 0.7205 0.7205 0.7205 0.7205 </pre>	Test R SPK Ref Val 0 0 0	tCode: EF {unNo: 8 }eqNo: 3 %REC 91.9 94.9 95.4	PA Method 7642 102649 LowLimit 68.8 73.6 72.7	8021B: Volat Units: mg/K HighLimit 120 124 129	iles (g %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1	⁻ ype: MS n ID: B8)ate: 4/ <u>PQL</u> 0.018 0.036 0.036 0.072	<pre> 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 </pre>	Test R SPK Ref Val 0 0 0 0	tCode: Ef lunNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0	PA Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7	8021B: Volat Units: mg/K HighLimit 120 124 129 126	iles (g %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55	⁻ ype: MS n ID: B8)ate: 4/ <u>PQL</u> 0.018 0.036 0.036 0.036	<pre> 7642 30/2022 SPK value 0.7205 0.7205 0.7205 0.7205 2.162 0.7205 </pre>	Test R SPK Ref Val 0 0 0 0 0	tCode: Ef ≷unNo: 8 ≩eqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8	PA Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130	iles íg %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001amso	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55	ype: MS 1 ID: B8 ate: 4/ PQL 0.018 0.036 0.036 0.072	; 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 0.7205 SD	Test SPK Ref Val 0 0 0 0 0 Tes	tCode: EF lunNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: EF	PA Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70 PA Method	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat	iles (g %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001amso Client ID: BH-113A	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55 d SampT Batch	ype: MS n ID: B8)ate: 4/ PQL 0.018 0.036 0.036 0.036 0.072 Vype: MS h ID: B8	<pre> > 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 0.7205 SD 7642</pre>	Test R SPK Ref Val 0 0 0 0 Tes F	tCode: EF lunNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: EI RunNo: 8	PA Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 7642	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat	iles ⁽ g %RPD tiles	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001amsc Client ID: BH-113A Prep Date:	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55 J SampT Batch Analysis D	ype: MS n ID: B8)ate: 4/ PQL 0.018 0.036 0.036 0.036 0.072	<pre> ; 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 0.7205 SD 7642 30/2022</pre>	Test SPK Ref Val 0 0 0 0 Test F	tCode: EF lunNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: EF RunNo: 8 SeqNo: 3	PA Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 7642 102650	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K	iles (g %RPD tiles (g	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001amsc Client ID: BH-113A Prep Date: Analyte	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55 1 SampT Batch Analysis D Result	ype: MS n ID: B8 ate: 4/ PQL 0.018 0.036 0.036 0.036 0.072 ype: MS h ID: B8 Date: 4/ PQL	 7642 30/2022 SPK value 0.7205 0.7205 2.162 0.7205 2.162 0.7205 5D 7642 30/2022 SPK value 	Test R SPK Ref Val 0 0 0 0 Test F SPK Ref Val	tCode: EF lunNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: EF lunNo: 8 SeqNo: 3 %REC	 PA Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 7642 102650 LowLimit 	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit	iles (g %RPD tiles (g %RPD	RPDLimit	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001amsc Client ID: BH-113A Prep Date: Analyte Benzene	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55 J SampT Batch Analysis D Result 0.64	ype: MS n ID: B8 ate: 4/ PQL 0.018 0.036 0.036 0.036 0.036 0.072	<pre> > 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 0.7205 3D 7642 30/2022 SPK value 0.7205 </pre>	Test SPK Ref Val 0 0 0 0 Test F SPK Ref Val 0	tCode: Ef ₹unNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: Ef ₹unNo: 8 SeqNo: 3 %REC 89.1	PA Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 7642 102650 LowLimit 68.8	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120	iles (g %RPD tiles (g %RPD 3.17	RPDLimit RPDLimit 20	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55 J SampT Batch Analysis D Result 0.64 0.66	ype: MS n ID: B8 ate: 4/ PQL 0.018 0.036 0.036 0.072 ype: MS n ID: B8 Date: 4/ PQL 0.018 0.036	<pre> > 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 0.7205 3D 7642 30/2022 SPK value 0.7205 0.7205 0.7205 </pre>	Test SPK Ref Val 0 0 0 0 0 Test F SPK Ref Val 0 0	tCode: Ef lunNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: Ef lunNo: 8 SeqNo: 3 %REC 89.1 91.8	² A Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 7642 102650 LowLimit 68.8 73.6	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124	iles (g %RPD tiles (g %RPD 3.17 3.29	RPDLimit RPDLimit 20 20	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001amsc Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene	SampT Batch Analysis D Result 0.66 0.68 0.69 2.1 0.55 J SampT Batch Analysis D Result 0.64 0.66 0.67	ype: MS n ID: B8 ate: 4/ PQL 0.018 0.036 0.036 0.072 ype: MS h ID: B8 Date: 4/ PQL 0.018 0.036 0.036 0.036	<pre> 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 0.7205 30/2022 SD 7642 30/2022 SPK value 0.7205 0</pre>	Test SPK Ref Val 0 0 0 0 0 Test F SPK Ref Val 0 0 0 0	tCode: Ef lunNo: 8 SeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: Ef lunNo: 8 SeqNo: 3 %REC 89.1 91.8 93.3	 A Method 7642 102649 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 7642 102650 LowLimit 68.8 73.6 72.7 	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124 129	iles (g %RPD tiles (g %RPD 3.17 3.29 2.20	RPDLimit RPDLimit 20 20 20 20	Qual
Sample ID: 2204D42-001ams Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2204D42-001amsc Client ID: BH-113A Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	SampT Batcl Analysis D Result 0.66 0.68 0.69 2.1 0.55 I SampT Batcl Analysis D Result 0.64 0.66 0.67 2.0	ype: MS n ID: B8)ate: 4/ PQL 0.018 0.036 0.036 0.072 ype: MS h ID: B8)ate: 4/ PQL 0.018 0.036 0.036 0.036 0.036 0.036	<pre> 7642 30/2022 SPK value 0.7205 0.7205 0.7205 2.162 0.7205 7642 30/2022 SPK value 0.7205 0.7205 0.7205 0.7205 0.7205 0.7205 2.162 </pre>	Tes SPK Ref Val 0 0 0 0 0 Tes 5 SPK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: Ef lunNo: 8 JeqNo: 3 %REC 91.9 94.9 95.4 95.0 75.8 tCode: Ef lunNo: 8 SeqNo: 3 %REC 89.1 91.8 93.3 92.9	 PA Method 7642 102649 LowLimit 68.8 73.6 72.7 70 PA Method 7642 102650 LowLimit 68.8 73.6 72.7 70 	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124 129 126	iles g %RPD tiles (g %RPD 3.17 3.29 2.20 2.23	RPDLimit RPDLimit 20 20 20 20 20 20	Qual

Qualifiers:

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

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 8 of 8

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WO#: 2204D42

09-May-22

Page	49 7	of 54	4

	Client Name: GHD Midland			Hall Em TEL: 50 Webs	vironmental Ana 4 Albuque 5-345-3975 FA. ite: www.hallen	lysis Lai 201 Haw rque, NI (: 505-3 vironmer	boratory vkins NE M 87109 45-4107 ntal.com	Sample Log-In Check List			
Cli	ient Name:	GHD Midl	and	Work Orde	er Number: 22	04D42			RcptNo: 1		
Rec	ceived By:	Juan Roj	jas	4/30/2022 8	:30:00 AM		4 lian	rag.			
Cor Rev	mpleted By: viewed By: (Juan Roj 77 04/30	jas /2022	4/30/2022 8:	48:26 AM		Hear	A.G			
Cha	ain of Cus	tody									
1. 1	Is Chain of C	ustody com	olete?		Ye	5 1	No		Not Present		
2. H	How was the	sample deli	vered?		<u>Co</u>	urier					
Lo	i <mark>g In</mark> Nas an attam	nt made to				-					
J. V	was an attem	ipt made to	cool the samp	oles?	Ye	V	No		NA		
4. W	Vere all samp	oles received	d at a tempera	ture of >0° C to 6.0	°C Yes		No				
5. s	Sample(s) in (proper conta	iiner(s)?		Yes		No				
6. Sı	ufficient sam	ple volume i	for indicated te	est(s)?	Yes	•	No				
7. Ar	re samples (e	except VOA	and ONG) pro	operly preserved?	Yes	V	No				
8. W	/as preserval	tive added to	bottles?		Yes		No	~	NA		
9. Re	eceived at le	ast 1 vial wit	h headspace	<1/4" for AQ VOA?	Yes	ET.	No				
10. W	Vere any sam	ple containe	ers received b	roken?	Yes	ā	No	~	# of preserved		
11. Do (N	oes paperwo lote discrena	rk match bo	ttle labels?	A A A A A A A A A A A A A A A A A A A	Yes	~	No		bottles checked for pH:	/	
2 Are	e matrices c	orrectly iden	tified on Chair	n of Custody2	Voc	7	No		(<2 or >12 unless Adjusted?	noted)	
3. Is i	it clear what	analyses we	ere requested	7	Ves	V	No	H I			
4. We (If	ere all holdin no, notify cu	g times able stomer for a	to be met? uthorization.)		Yes	V	No		Checked by: JN Y	1301-	
Speci	ial Handli	ng (if app	olicable)								
15. W	las client not	ified of all di	screpancies v	vith this order?	Yes		No		NA 🔽		
	Person N	Notified:	1		Date						
	By Whor	n:			Via: 🗌 eM	ail 🗌	Phone	Fax	In Person		
	Regardir	ng:									
	Client Ins	structions:									
16. Ad	dditional rem	narks:									
7. <u>C</u>	Cooler Inform Cooler No 1	nation Temp ⁰C 5.5	Condition Good	Seal Intact Seal	No Seal D	ate	Signed E	3y			

Page 1 of 1

Receive			D: 5/2	27/2	022 .	2:56:	:23 PM	1											Pag	e 498 of .	54
			4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	(O)	PO₄, S SIMS SIMS	2 00 (1000 (1000 (1000 (1000 (1000 (1000 (1000 (1000) (100	GR(des des des des des des des des des des	<u>ععازدا</u> ععازدا ۲۴, ۱۷ ۲۴, ۱۷ ۲۴, ۱۷ ۱۴, ۱۷ ۱۴, ۱۷ ۱۴, ۱۷ ۱۴, ۱۷ ۱۴, ۱۷ ۱۴, ۱۹	TPH:80 8081 Pd 8081 Pd 8260 (V 8270 (S 7048 Cd 8270 (S) 8270 (S	2	· · ·	+	+				rks:		by. Any sub-contracted data will be clearly notated on the analytical report
						(1	208) s	'AMT	/ 38	ITM	BTEX /	× ا	7	¥	Y				Rema		possibili
	Rush 24 Kr		Fer				I & GHD. CON	yd @ G.HD. Com	2	()	HEAL No. 27 04/04 2	100-	200-	-603	-0001				Date Time	Jury 30(22 8:30	pratories. This serves as notice of this
ime:	Ø		95		101	er:	rska	H. 50	3	cluding CF).	reserva	Na	1		Ŕ				Via:	Via: OUM	edited labo
Turn-Around T	□ Standard	Project Name:	Yates ,	Project #:	12211	Project Manage	Becky. H.	Sampler: Head	# of Coolers:	Cooler Temp(inc	Container P Type and # T	toz. Jar /1	-		x				Received by:	Received by:	ontracted to other accre
ustody Record			5. Loup 250 W.	79703	6-0086	arson & Gith . Com	Level 4 (Full Validation)	ompliance			Sample Name	BH-113A	BH-121A	BH-123A	SW-17B					hed by:	bmitted to Hall Environmental may be subc
of-C			2135	TX	. 68	om. Li		□ Az C □ Othe			Matrix	5			R				Isingniaz	delinquist	amples sul
hain-	ですい		Address	and,	4:432	Fax#: 7	ackage: Jard	ation: \C	(Type)		Time	1300	1310	1320	1330				Sol L	me:	necessary, s
S	Client:		Mailing	M:d	Phone #	email or	QA/QC F				Date	62/2	-		R				4/24	Uate: V m/r	Ĩ,



May 06, 2022

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

RE: YATES AS FEE

Enclosed are the results of analyses for samples received by the laboratory on 05/05/22 16:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



EOG - ARTESIA NM

Analytical Results For:

GHD SERVICES, INC.

		BECKY HASKELL 6121 INDIAN SCHOOL RD, N ALBUQUERQUE NM, 87110 Fax To:	IE STE. 200	
Received:	05/05/2022		Sampling Date:	05/05/2022
Reported:	05/06/2022		Sampling Type:	Soil
Project Name:	YATES AS FEE		Sampling Condition:	** (See Notes)
Project Number:	11228401		Sample Received By:	Shalyn Rodriguez

Sample ID: BHX - 2 A (H221896-01)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	200	10.0	05/06/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	35.6	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	95.1 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 5121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:	
Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: BHX - 3 A (H221896-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	3.70	
DRO >C10-C28*	160	10.0	05/06/2022	ND	193	96.3	200	4.40	
EXT DRO >C28-C36	31.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	91.0 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.9 9	59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SWX - 32 (H221896-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	801	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	136	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.2	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SWX - 33 (H221896-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	269	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	61.1	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	84.0 \$	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.9 9	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SW - 18 A (H221896-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.9	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager


GHD SERVICES, INC.

	E G A F	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SW - 19 A (H221896-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.0	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SW - 24 A (H221896-07)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-140)						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 66.9-130	<u></u>						
Surrogate: 1-Chlorooctadecane	87.5	% 59.5-142	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SW - 25 A (H221896-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	80.3 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.7 9	59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E 6 <i>F</i>	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SWX - 25 (H221896-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	82.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.8	% 59.5-14.	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E 6 <i>F</i>	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SWX - 26 (H221896-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	84.0 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.3 9	59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E 6 <i>F</i>	BECKY HASKELL 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SWX - 27 (H221896-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	82.1 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.6 9	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



		GHD SERVICES, INC.	
		BECKY HASKELL	
		6121 INDIAN SCHOOL RD, NE STE. 200	
		ALBUQUERQUE NM, 87110	
		Fax To:	
Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SWX - 28 (H221896-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	80.6 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.1 9	59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



		GHD SERVICES, INC.	
		BECKY HASKELL	
		6121 INDIAN SCHOOL RD, NE STE. 200	
		ALBUQUERQUE NM, 87110	
		Fax To:	
Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SWX - 29 (H221896-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	80.1 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.9 9	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



		GHD SERVICES, INC.	
		BECKY HASKELL	
		6121 INDIAN SCHOOL RD, NE STE. 200	
		ALBUQUERQUE NM, 87110	
		Fax To:	
Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SWX - 30 (H221896-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	05/06/2022	ND	416	104	400	3.77	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	84.2 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.2 %	59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E 6 <i>F</i>	BECKY HASKELL 5121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:	
Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SWX - 31 (H221896-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	77.4 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.8 9	59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	Bf 61 Al Fa	(Y HASKELL INDIAN SCHOOL RD, NE STE. 200 JQUERQUE NM, 87110 To:					
Received:	05/05/2022	Sampling Date:	05/05/2022				
Reported:	05/06/2022	Sampling Type:	Soil				
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)				
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - ARTESIA NM						

Sample ID: SWX - 34 (H221896-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	74.9 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.9 9	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



		GHD SERVICES, INC.	
		BECKY HASKELL	
		6121 INDIAN SCHOOL RD, NE STE. 200	
		ALBUQUERQUE NM, 87110	
		Fax To:	
Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SWX - 35 (H221896-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	31.3	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	78.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.0	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



		GHD SERVICES, INC.	
		BECKY HASKELL	
		6121 INDIAN SCHOOL RD, NE STE. 200	
		ALBUQUERQUE NM, 87110	
		Fax To:	
Received:	05/05/2022	Sampling Date:	05/05/2022
Reported:	05/06/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SWX - 36 (H221896-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	213	107	200	15.4	
DRO >C10-C28*	229	10.0	05/06/2022	ND	195	97.3	200	6.52	
EXT DRO >C28-C36	166	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	72.0 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.5 9	% 59.5-14	2						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: C HC	0				BILL	10					ANALYSIS REQ	UEST	
Project Manager: Beck	4. Haskell @ GHT		03	P.O. #:						-		_	
Address: 2135. 5.	Loop 250 W.			Company	EO	2							_
city: Midland	State: TX	Zip:	1820281	Attn: Cha	se-S-t	HERE	2005						
Phone #: 432-686-	0076 Fax #:			Address:									_
Project #: /1 とて るイ:	0 Project Owne	M	06	City:									
Project Name: Yafes	AS Fee			State:	Zip				_	_			
Project Location: /Ar +	esia, NM			hone #:					>	_			_
Sampler Name: Heuth	. Boyd @ COHD. CC	3		ax #:					25	_			_
FOR LAB USE ONLY			MATRIX	PRESE	RV.	SAMPL	ING		213				_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	ACID/BASE: ICE / COOL	OTHER :	ATE	TIME	BTEX	TPH:80	Chloride			
BHK-	2A	2	×		5%	1/22	1030	X	×	۶			
a BHX-	3A	0	X			-	040	x	ĸ	¥			
3 Sux-	32	0	1 K				020	×	F.	K			
4 Swx	C2.	2	K				1100	×	¥	×			
5 50-1	8A	2	7				125	X	¥	K			
0 SU-10	1.2	0	7				1130	¥	¥	K			
1 50-2	YA	0	K				140	4	×	¥			
S -75	ASP	0	*				1150	y	×	x			
9 Swx-	25	0	x				212	۶	×	×			1
10 Sux-	26	0	x		>	0	0421	K	K	×			
PLEASE NOTE: Liability and Damages. Car analyses. All claims including those for negli service. In no event shall Cardinal be liable i affiliates or successors arising out of or relate	'dinal's liability and client's exclusive remedy for gence and any other cause whatsoever shall be for incidental or consequental damages, includin or bits performance of services hereunder by ed to the performance of services hereunder by	ny claim ar deemed wa without lin ardinal, rey	ising whether based in contract or aived unless made in writing and re nitation, business interruptions, lose gardless of whether such claim is t	tort, shall be lin sceived by Card s of use, or loss vased upon any	inal within 30 of profits incl of the above	nount paid b days after o urred by clie stated reas	y the client for the ompletion of the nt, its subsidiarie ons or otherwise	ne applicable is,					1
Relinquished By:	Date: 5/5/21	Rece	ived By:				Verbal Res	ult:	□ Yes	I No	Add'I Phone #:	the Berry Marcon	
AB	Time: 1600	R	KONRIO	2	5	F	om. La r	900 (alled.	D-Com	· 2 ack. Comins	GHT. COM	_
Relinquished By:	Date:	Rece	vived By:	-	-	4	REMARKS	0101		5-00	Constant Constant		

Received by OCD: 5/27/2022 2:56:23 PM

Date: Time:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. °C () 02 Corrected Temp. °C U.10

Sample Condition Cool Intact Yes Yes No No No

~ (Initials) CHECKED BY:

Turnaround Time:

Standard

RE

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes Nc No Corrected Temp. °C

Correction Factor -0.5°C

-UUD N 3.2 10/01/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Laboratories

Page 520 of 544

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received	by (<i>OCD</i> :	5/27/20)22	2:56:	:23	РМ		
			-	_	-	-	_	 -	_

Company Name: C HD Project Manager: Decky, H	20 FAX (010) 393-2	476	P.O. #			ANALYSIS REQUEST
Address: 2135 5. Log	0 250 W.	ca.i	Company: Into			
City: M: fland	State: TX	Zip: 79703	Attn: chase Suth	@ Fors		
Phone #: 432 - 686 - 00	86 Fax #:		Address:		_	
Project #: //228401	Project Owner	: Eas	City:			
Project Name: Yates 1	95 Fee		State: Zip:		_	
Project Location: Artes	a Nm		Phone #:			
Sampler Name: Health B	ade GHD.C	on	Fax #		D	
FOR LAB USE ONLY		MATRI	X PRESERV SA	MPLING	51	
Lab I.D. Sam	ple I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	TIME	TPH: 801	Chloride
11 505-2-7	1	C I K	5/5/2	2 1250 2	8	
12 SNX. 28		C I X		1300 ×	x	
13 JUK-29		CI K		1310 K	x	0
14 SWX-30		C I K		0251	x -	
5 SWK-31		c (K		1330 2	*	
10 SWX-24		C () ×		× 0421	×	0
11 SVK- 55		C1 ×		1350 2	x	
18 -2mc - 31		CIK	×	1400 X	r	
	-	5 C				
PLEASE NOTE: Liability and Damages. Cardinal's liab malyses. All claims including those for negligence and	any other cause whatsoever shall be de	claim arising whether based in con remed waived unless mode in writing	tract or tort, shall be limited to the amount p or and received by Cardinal within 30 days of	aid by the client for the		
ervice. In no event shall Cardinal be liable for incident iffliates or successors arising out of or related to the pe	al or consequental damages, including w informance of services hereunder by Car	without Ilmitation, business interruption in the such of the such	ig and received by Cardinal within 30 days at ons, loss of use, or loss of profits incurred by jaim is based upon any of the above stated it.	easons or otherwise.	ble	
Relinquished By:	Date: 5/5/22 Time: /6 CD	Received By:	CALON	All Results are e	TYes Mailed. Plu Co HD. 1	INO Add'I Phone #: " ase provide Email address: Becky. CAOSE, Heat Or, Zach. CONTRO & CHED. CON Q. COG (CSD WILLS. (ON)
voninquistien by.	Date: Time:	Received By:	100	REMARKS:	R	ISM! 24HP!
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	UC Sample Con Cool Intac	dition CHECKED BY:	Turnaround Time	Ru	ndard Bacteria (only) Sample Condition



May 09, 2022

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

RE: YATES AS FEE

Enclosed are the results of analyses for samples received by the laboratory on 05/06/22 14:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



EOG - ARTESIA NM

Analytical Results For:

GHD SERVICES, INC.

		BECKY HASKELL 6121 INDIAN SCHOOL RD, N ALBUQUERQUE NM, 87110 Fax To:	IE STE. 200	
Received:	05/06/2022		Sampling Date:	05/06/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	YATES AS FEE		Sampling Condition:	** (See Notes)
Project Number:	11228401		Sample Received By:	Shalyn Rodriguez

Sample ID: SW - 10 B (H221924-01)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	7.55	
Toluene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	1.98	99.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.18	103	6.00	7.05	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2022	ND	195	97.5	200	3.84	
DRO >C10-C28*	<10.0	10.0	05/07/2022	ND	204	102	200	2.71	
EXT DRO >C28-C36	<10.0	10.0	05/07/2022	ND					
Surrogate: 1-Chlorooctane	73.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.8	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 5121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:	
Received:	05/06/2022	Sampling Date:	05/06/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SW - 11 A (H221924-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	7.55	
Toluene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	1.98	99.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.18	103	6.00	7.05	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2022	ND	195	97.5	200	3.84	
DRO >C10-C28*	145	10.0	05/07/2022	ND	204	102	200	2.71	
EXT DRO >C28-C36	122	10.0	05/07/2022	ND					
Surrogate: 1-Chlorooctane	72.6 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.1 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 5121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:	
Received:	05/06/2022	Sampling Date:	05/06/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SW - 13 A (H221924-03)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	7.55	
Toluene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	1.98	99.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.18	103	6.00	7.05	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2022	ND	195	97.5	200	3.84	
DRO >C10-C28*	<10.0	10.0	05/07/2022	ND	204	102	200	2.71	
EXT DRO >C28-C36	10.8	10.0	05/07/2022	ND					
Surrogate: 1-Chlorooctane	71.6 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.2 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC.

	E G A F	BECKY HASKELL 5121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Fax To:	
Received:	05/06/2022	Sampling Date:	05/06/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	YATES AS FEE	Sampling Condition:	** (See Notes)
Project Number:	11228401	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - ARTESIA NM		

Sample ID: SW - 14 A (H221924-04)

BTEX 8021B	mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	7.55	
Toluene*	<0.050	0.050	05/06/2022	ND	2.09	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	1.98	99.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.18	103	6.00	7.05	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	195	97.5	200	3.84	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	204	102	200	2.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	62.7 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.7 9	59.5-14.	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

IVI LOOL IIMININI	d, Hobbs, NM 88240		
(575) 393-2326	FAX (575) 393-2476		ANALYSIS DED
Company Name: GHD		P.O. #	
Midross: 7125 5 (00	5 7.50 L.	company: どつら	
city: M. Jand.	State: TK Zip: 79703	Attn: Chase Suffle®	Eas.
Phone #: 432-686-008	6 Fax#:	Address:	
Project #: /122 8401	Project Owner: EOS	City:	
Project Name: Yates As	s fee	State: Zip:	G
Project Location: Artesia	e. NAN	Phone #:	15
Sampler Name: Heath Boy	id @ GHD. COM	Fax #:	2
Lab I.D. Samp	B)RAB OR (C)OMP. CONTAINERS ROUNDWATER JASTEWATER OIL	CIDGE CID/BASE: CE / COOL DTHER :	TPH: 80 TSTER Chlorio
100/101 SW-103	CIX	3/6/22	1100 X X X
2 SW-11A	C 1 ×		x x x 021
4 Sw- 14A	C I X	×	130 * * *
PLEASE NOTE: Liability and Damages. Cardinal's liability analyses. All claims including those for negligence and ar service. In no event shall Cardinal be liable for incidental c	y and client's exclusive remedy for any claim ansing whether based in control my other cause whatsoever shall be deemed waived unless made in writing or consequental damages, including without limitation, business interruptio	and received by Cardinal within 30 days after o and received by Cardinal within 30 days after o ne, loss of use, or loss of profits incurred by clie ne, loss of use, or loss of profits incurred to accurate	completion of the applicable on the second s
affiliates or successors arising out of or related to the perf. Relinquished By:	tomance of services hereunder by Cardinal, regardless of whether such circles and the service of	iquer 1	Verbal Result: □ Yes □ No Add'I Phone #: / All Results are emailed. Please provide Email address: P Tom. Larson @ GHD. Com, Larson Comino @ GMGCC_ Cariffon @ EOCIRESources.com
Relinquished By:	Date: Received By: Time:		REMARKS: FUSM!
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 33, 3°C Sample Con Corrected Temp. °C 33, 8°C El Ves	dition CHECKED BY: 1 tt (Initials) Yes	Turnaround Time: Standard Bacteria (oni) Rush Cool Intact Themometer ID #113

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 527 of 544



May 16, 2022

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

RE: YATES AS FEE

Enclosed are the results of analyses for samples received by the laboratory on 05/12/22 14:50.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, N ALBUQUERQUE NM, 87110	E STE. 200 P Pr	Project: Project Number: roject Manager: Fax To:	YATES AS FEE 11228401 BECKY HASKELL	Reported: 16-May-22 12:18
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 11 B	H222020-01	Soil	12-May-22 10:45	12-May-22 14:50
SWX - 37	H222020-02	Soil	12-May-22 10:50	12-May-22 14:50
BHX - 14 B	H222020-03	Soil	12-May-22 10:55	12-May-22 14:50
BH - 124	H222020-04	Soil	12-May-22 11:00	12-May-22 14:50

05/16/22 - Client changed the sample ID on -01. This is the revised report and will replace the one sent on 05/13/22.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, ALBUQUERQUE NM, 87110		Proj Project Num Project Mana Fax	ject: YAT ber: 112 ger: BEC To:	es as fee 28401 Ky haskei	L		Reported: 16-May-22 12:18			
			SV H222(W - 11 B 020-01 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2140		16.0	mg/kg	4	2051304	GM	13-May-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051205	MS/	12-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.6 %	69.9	-140	2051205	MS/	12-May-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
DRO >C10-C28*	1010		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
EXT DRO >C28-C36	157		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctane			80.8 %	66.9	-136	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctadecane			100 %	59.5	-142	2051214	MS	13-May-22	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE ALBUQUERQUE NM, 87110		Proj Project Num Project Mana Fax	ject: YAT ber: 112 ger: BEC To:	es as fee 28401 Ky haskei	L		Reported: 16-May-22 12:18			
			SV H222(VX - 37)20-02 (So	sil)					
Analyte	Result	MDL	Reporting	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories		, .	-		
Inorganic Compounds			Caruma	Laborat	01105					
Chloride	2880		16.0	mg/kg	4	2051304	GM	13-May-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051205	MS/	12-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.4 %	69.9-	-140	2051205	MS/	12-May-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
DRO >C10-C28*	553		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
EXT DRO >C28-C36	96.7		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctane			82.0 %	66.9-	-136	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctadecane			96.4 %	59.5-	-142	2051214	MS	13-May-22	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE ALBUQUERQUE NM, 87110		Proj Project Num Project Mana Fax	ject: YAT ber: 112 ger: BEC To:	es as fee 28401 Ky haskei	L		Reported: 16-May-22 12:18			
			BH H222(IX - 14 B)20-03 (So	il)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2051304	GM	13-May-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051205	MS/	12-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	69.9	-140	2051205	MS/	12-May-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
DRO >C10-C28*	350		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
EXT DRO >C28-C36	251		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctane			85.7 %	66.9-	-136	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctadecane			86.2 %	59.5-	-142	2051214	MS	13-May-22	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, ALBUQUERQUE NM, 87110		Proj Project Num Project Mana Fax	ect: YAT ber: 112 ger: BEC To:	es as fee 28401 Ky haskei	L		Reported: 16-May-22 12:18			
			B	H - 124	: 1)					
			H2220	020-04 (80))					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	2051304	GM	13-May-22	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051205	MS/	12-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051205	MS/	12-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.8 %	69.9-	140	2051205	MS/	12-May-22	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
DRO >C10-C28*	194		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
EXT DRO >C28-C36	119		10.0	mg/kg	1	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctane			113 %	66.9-	136	2051214	MS	13-May-22	8015B	
Surrogate: 1-Chlorooctadecane			111 %	59.5-	142	2051214	MS	13-May-22	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110	Project: Project Number: Project Manager: Fax To:	YATES AS FEE 11228401 BECKY HASKELL	Reported: 16-May-22 12:18
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Inorganic Compounds - Quality Control

Cardinal Laboratories RPD Spike %REC Reporting Source %REC Analyte Result Limit Units Level Result Limits RPD Limit Notes Batch 2051304 - 1:4 DI Water Blank (2051304-BLK1) Prepared & Analyzed: 13-May-22 Chloride ND 16.0 mg/kg LCS (2051304-BS1) Prepared & Analyzed: 13-May-22 416 104 Chloride 400 80-120 16.0 mg/kg LCS Dup (2051304-BSD1) Prepared & Analyzed: 13-May-22 Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110	Project: Project Number: Project Manager: Fax To:	YATES AS FEE 11228401 BECKY HASKELL	Reported: 16-May-22 12:18
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2051205 - Volatiles										
Blank (2051205-BLK1)				Prepared &	k Analyzed:	12-May-22	2			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	69.9-140			
LCS (2051205-BS1)				Prepared &	analyzed:	12-May-22	2			
Benzene	2.08	0.050	mg/kg	2.00		104	83.4-122			
Toluene	2.04	0.050	mg/kg	2.00		102	84.2-126			
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.2	84.2-121			
m,p-Xylene	4.09	0.100	mg/kg	4.00		102	89.9-126			
o-Xylene	1.95	0.050	mg/kg	2.00		97.7	84.3-123			
Total Xylenes	6.04	0.150	mg/kg	6.00		101	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.2	69.9-140			
LCS Dup (2051205-BSD1)				Prepared &	analyzed:	12-May-22	2			
Benzene	2.16	0.050	mg/kg	2.00		108	83.4-122	3.87	12.6	
Toluene	2.14	0.050	mg/kg	2.00		107	84.2-126	4.81	13.3	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.2-121	4.00	13.9	
m,p-Xylene	4.26	0.100	mg/kg	4.00		106	89.9-126	4.13	13.6	
o-Xylene	2.03	0.050	mg/kg	2.00		102	84.3-123	3.87	14.1	
Total Xylenes	6.29	0.150	mg/kg	6.00		105	89.1-124	4.04	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/kg	0.0500		98.0	69.9-140			

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110	Project: Project Number: Project Manager: Fax To:	YATES AS FEE 11228401 BECKY HASKELL	Reported: 16-May-22 12:18
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD			
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes		
Batch 2051214 - General Prep - Organics												
Blank (2051214-BLK1)				Prepared &	k Analyzed:	12-May-2	2					
GRO C6-C10	ND	10.0	mg/kg									
DRO >C10-C28	ND	10.0	mg/kg									
EXT DRO >C28-C36	ND	10.0	mg/kg									
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	66.9-136					
Surrogate: 1-Chlorooctadecane	60.2		mg/kg	50.0		120	59.5-142					
LCS (2051214-BS1)				Prepared & Analyzed: 12-May-22								
GRO C6-C10	218	10.0	mg/kg	200		109	78.5-128					
DRO >C10-C28	212	10.0	mg/kg	200		106	75.8-135					
Total TPH C6-C28	430	10.0	mg/kg	400		108	81.5-127					
Surrogate: 1-Chlorooctane	61.4		mg/kg	50.0		123	66.9-136					
Surrogate: 1-Chlorooctadecane	67.9		mg/kg	50.0		136	59.5-142					
LCS Dup (2051214-BSD1)				Prepared &	k Analyzed:	12-May-22	2					
GRO C6-C10	238	10.0	mg/kg	200		119	78.5-128	8.39	21.4			
DRO >C10-C28	226	10.0	mg/kg	200		113	75.8-135	6.68	17.9			
Total TPH C6-C28	464	10.0	mg/kg	400		116	81.5-127	7.55	17.6			
Surrogate: 1-Chlorooctane	67.5		mg/kg	50.0		135	66.9-136					
Surrogate: 1-Chlorooctadecane	74.3		mg/kg	50.0		149	59.5-142			S-04		

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circ Sampler - UPS - Bu	Relinquished By:	R	analyses. All claims including the service. In no event shall Cardin affiliates or successors arising o	PLEASE NOTE: Liability and D	4		200	2-0	OCOCECH	Lab I.D.	FOR LAB USE ONLY	Sampler Name: H	Project Location:	Project Name: Y	Project #: 1/27	Phone #: 432-	city: M; dlan	Address: 2135	Project Manager:	Company Name:	-	
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May 18, 2022

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

RE: YATES AS FEE

Enclosed are the results of analyses for samples received by the laboratory on 05/17/22 15:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



EOG - ARTESIA NM

Analytical Results For:

GHD SERVICES, INC.

		BECKY HASKELL 6121 INDIAN SCHOOL RD, N ALBUQUERQUE NM, 87110 Fax To:	IE STE. 200	
Received:	05/17/2022		Sampling Date:	05/17/2022
Reported:	05/18/2022		Sampling Type:	Soil
Project Name:	YATES AS FEE		Sampling Condition:	** (See Notes)
Project Number:	11228401		Sample Received By:	Shalyn Rodriguez

Sample ID: SW - 11 C (H222095-01)

Project Location:

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.11	105	2.00	2.58	
Toluene*	<0.050	0.050	05/17/2022	ND	2.08	104	2.00	2.55	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	103	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.37	106	6.00	2.82	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/18/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	186	92.9	200	0.600	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


Notes and Definitions

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

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, whother business interruptors, loss of profits incurred by client, its subsidiaries, affliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

101 East Maria (575) 393-232	6 FAX (575) 393-2476					
Company Name: ムルシ			BILL TO		A	NALYSIS REQUEST
Project Manager: Becky, H.	askell @ GUD . Lom	P.O. #				
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city: Midland	State: TX Zip: 79	703 Attn:(have- Suffle@	EUG.		
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FOR LAB USE ONLY		MATRIX PRI	ESERV. SAMPLI	NG	-	
Lab I.D. Samp	(G)RAB OR (C)OMP. # CONTAINERS	WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:	ICE / COOL OTHER : DATE	BIER	Chloride	
5w-11C	-	*	5/12 11	15 x x	×	
PLEASE NOTE: Liability and Damages, Cardinal's liability	y and client's exclusive remedy for any claim arising y	hether based in contract or tort, shall	be limited to the amount paid by	the client for the		
service. In no event shall Cardinal be liable for incidental affinates or successors arising out of or related to the perf Relinquished By:	or consequental damages, including without limitation ormance of services hereunder by Cardinal, regardle Date: 5//7 Receive	, business interruptions, loss of use, c ss of whether such claim is based upo d By:	or loss of profits incurred by client, on any of the above stated reason	s or otherwise.	Yes No A	Idd' Phone #:
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Delivered By: (Circle One)	Observed Temp, °C.	Sample Condition Cool Intact	CHECKED BY: Tu (Initials) Th	rnaround Time: armometer ID #113	Standard	Bacteria (only) Sample Condition Cool Infact Observed Temp. °C

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com 20.0% No No Correction Factor -0.5°C No Corrected Temp. °C

Released to Imaging: 9/13/2022 8:20:05 AM

Oil Conservation Division

Incident ID	nAPP2111230058
District RP	
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.

<u>Closure Report Attachment Checklist</u>: 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)

 \square Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amber Griffin

Title: Rep Safety & Environmental Sr

Signature:	Amoer Griffin
	\mathcal{A}
_{email:} Am	ber_Griffin@eogresources.com

Date: 5/27/2022

Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet

Date: 9/13/2022

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

Closure Approved by: <u>Robert Hamlet</u>	Date:9/13/2022
Printed Name: <u>Robert Hamlet</u>	Title: Environmental Specialist - Advanced

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	111663
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2111230058 YATES AS FEE BATTERY, thank you. This closure is approved. 9/13/2022 rhamlet

CONDITIONS

Action 111663

Condition Date