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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2202758401
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 # *nAPP2202758401*
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.71965 Longitude -104.37899
(NAD 83 in decimal degrees to 5 decimal places)

Site Name White IU Battery	Site Type Battery
Date Release Discovered 1/26/2022	API#

Unit Letter	Section	Township	Range	County
H	28	18S	26E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* Percussion Petroleum Operating LLC)

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) 0
☒ Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Historical impacts were discovered during the decommissioning of the battery as part of plugging process. The environmental consultant contracted to perform the remediation determined on 01/26/2022 based off the initial investigation that the volume released most likely breached the reportable threshold.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202758401
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice 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

- ☑ The source of the release has been stopped.
- ☑ The impacted area has been secured to protect human health and the environment.
- ☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☑ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 01/27/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Ramona Marcus Date: 2/10/2022

Incident ID	nAPP2202758401
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	90 (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
- ☒ 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
- ☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202758401
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr.

Signature: Chase Settle Date: 04/26/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 8/2/2022

Incident ID	nAPP2202758401
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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.

Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr

Signature: Amber Griffin Date: 8/8/2022

email: Amber_Griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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

GHD ref: 12574107

August 8, 2022

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

Re: Remediation Plan
White IU Battery Release Site
EOG Resources Inc.
Incident ID: nAPP2202758401
H-28-18S-26E, Eddy County New Mexico

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Remediation Plan to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, and analyses that was conducted in the affected area at the EOG White IU Battery Release Site (Site). In addition, this report presents a Work Plan for remediation of the affected soils at the Site. The Site is located in Unit Letter H, Section 28 of Township 18 South and Range 26 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.71965º N latitude and 104.37899º W longitude. The release occurred on land privately owned by Percussion Petroleum Operating LLC. Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figure 2.

2. Background Information

A C-141, Release Notification, for this release was submitted to the NMOCD on January 27, 2022. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG decommissioning process associated with this location. Soils within the former tank battery containment appeared to be discolored. On January 26, 2022, GHD was on Site to investigate if the stained soils constituted a reportable release. Based on the results of that investigation and after discussions between field personnel and environmental staff, EOG made the decision to file a C-141 for this suspect release location.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number nAPP2202758401. The Release Notification, Site Assessment/Characterization, and Remediation portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

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

According to the Site characterization evaluation and 19.15.29.12.C(4) the Site is located within an area of low karst potential. Two water wells were located within a half mile radius of the Site. The water wells are located approximately 0.23 (RA 11952 POD1) and 0.46 (RA05425) miles from the site and have a recorded depth to groundwater of 90 feet below ground surface. No other receptors (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) the Site is located within an area with depth to groundwater between fifty-one (51) and one hundred (100) feet and meets the closure criteria for depth to groundwater between fifty-one (51) and one hundred (100) feet in Table 1 in NMAC 19.15.29.12. The Site characterization documentation (Well Log, Karst Potential, FEMA, Points of Diversion, Significant Water Course, and Wetlands maps) are provided in Attachment A, Site Characterization Documentation. The soil closure criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (feet)
No Receptors Found	90 Feet

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

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

4. Initial Soil Delineation Assessment Summary and Findings

On February 9 through April 5, 2022, GHD and EOG's contractor Standard Safety and Supply (SS) installed twenty-two (22) test pits, TP1 through TP22, within the suspected impacted area. Soil samples were collected at depths ranging from the surface to twenty (20) ft 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 two (2) of the twenty-two (22) test pits had samples exceeding applicable NMAC Table I Closure Criteria for a depth to groundwater between fifty-one (51) and one hundred (100) feet, TP1 and TP12. Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the initial delineation samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment B.

In order to vertically delineate BTEX, TPH, and chloride impacts, GHD and HCI Drilling (HCI) mobilized to the Site on April 21, 2022, to install five borings. Soil boring activities continued through April 29, 2022, and were completed to the following depths:

- SB-1 total depth seventy-seven (77) feet below ground surface - last sample collected at seventy-five (75) feet.
- SB-2 total depth sixty-two (62) feet below ground surface - last sample collected at fifty-five (55) feet.
- SB-3 total depth thirty-seven (37) feet below ground surface - last sample collected at thirty-five (35) feet.
- SB-4 total depth sixty-seven (67) feet below ground surface - last sample collected at sixty-five (65) feet.
- SB-5 total depth sixty-seven (67) feet below ground surface - last sample collected at sixty-five (65) feet.

Soil samples were collected at five (5) foot intervals starting at twenty (20) feet below ground surface to total depth. All soil samples 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. Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the soil borings and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment B.

Three (3) of the forty-two (42) soil samples collected exhibited concentrations exceeding applicable Table I Closure Criteria for depth to water between fifty-one (51) and one hundred (100) feet below ground surface listed below:

- Total TPH: SB-1 (20')
- BTEX: SB-1 (20')
- TPH (GRO+DRO): SB-1 (20'), SB-1 (25'), and SB-1 (45')

All five (5) soil borings vertically delineated impacts at the Site to the less than fifty (50) feet Closure Criteria as required by NMAC 19.15.29.11A(5)(c). Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment B. Soil boring logs are provided as Attachment C.

5. nAPP202758401 Proposed Remediation Plan

Test pit TP1 and soil boring SB-1 exhibited TPH concentrations above NMAC Table I Closure Criteria to varying depths between six (6) and forty-five (45) feet below ground surface. Test pit TP12 exhibited chloride concentrations above NMAC Table I Closure Criteria to varying depths between five (5) and fifteen (15) feet below ground surface. Test pits TP2, TP5, TP6, TP8, TP10, TP12, TP14, TP16, TP19, and TP22 exhibited chloride concentrations above NMAC Table I Closure Criteria for depth to groundwater less than fifty (50) feet below ground surface within the top four (4) feet. None of the other samples submitted for analysis exhibited exceedances above Table I Closure Criteria.

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

- TP1 and SB-1 will be excavated to a depth of approximately twenty (20) to twenty-six (26) feet below ground surface or until concentrations are below Table I Closure Criteria if it is reasonably safe to do so.
- TP12 will be excavated to a depth of approximately fifteen (15) to sixteen (16) feet below ground surface or until concentrations are below Table I Closure Criteria.

- TP2, TP5, TP6, TP8, TP10, TP14, TP16, TP19, and TP22 will be excavated to a depth of approximately four (4) feet below ground surface or until concentrations are below Table I Closure Criteria.

Composite confirmation samples will be collected from the bottom of the excavation and the sidewalls of the excavation from areas representing no more than two hundred (200) square feet. Discrete soil samples will be collected from the sidewalls if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. If during excavation of TP1 and SB-1 it is deemed unsafe to continue to the proposed depth of up to twenty-six (26) feet below ground surface, excavation activities will be stopped, and treatment wells will be installed to treat TPH impacts left in place. The proposed excavation area is shown on Figure 2. During review of available site information, it was discovered that excavation of the area shaded white on Figure 2 was previously completed during removal of a below grade tank. Excavation is not expected in this area, but the need will be evaluated based on confirmation sidewall concentrations. If sidewall concentrations are above Table I closure criteria excavation of the area will be completed as necessary. Form C-144 approved by the NMOCD, is included as Attachment D.

After the TP-1/SB-1 area has been backfilled, a drill rig will be contracted, for reconfirmation sampling of the TP-1/SB-1 area at the forty (40) to fifty (50) foot interval to ensure that the analytical results received during the April 21, 2022, sampling event are genuine, and not an issue of cross contamination. Due to the availability of drill rigs, this opportunity will be used to install soil treatment wells within this area to assist with the bioremediation and venting of the hydrocarbon impacts should the TPH analytical results show as genuine impacts and not a case of cross contamination due to sloughing. If TPH impacts are present at the forty-five (45) foot interval at the SB-1 location, they will be addressed utilizing a treatment well installed to a depth of fifty (50) feet below ground surface. One treatment well will be installed for every 100 square feet of impacted area to be remediated, this will be determined by confirmation sampling the bottom of the excavation and sidewalls of the TP-1/SB-1 area when it is excavated to twenty (20) to twenty-six (26) feet below ground surface. The wells will consist of two (2) inch pvc pipe with slotted well screen installed for the last ten (10) feet of the well. Areas that do not receive direct contact, will still benefit from the microbial product due to the absorption by the surrounding soils. The microbial strain will be injected into the wells every two (2) weeks for approximately twelve (12) weeks, totaling six (6) separate treatments. Sixty (60) days after the last treatment, a core rig will be brought in to perform sampling of the treated areas. This will consist of performing one sample boring per two hundred (200) square feet, with samples collected at five (5) foot increments beginning at forty (40) feet to a depth of fifty (50) feet below ground surface.

Excavated soils will be transported to a NMOCD approved disposal facility for disposal. The anticipated volume of soil to be disposed of is approximately 7,599 to 8,253 cubic yards depending on the final dimensions of the excavation based on the depth and site conditions encountered. The excavation will be backfilled with non-impacted soil transported to the site. The excavation and confirmation sampling portion of the remediation will be completed within 90 days of the approval of this remediation plan. If the re-sampling activities of the forty (40) to fifty (50) foot interval of the TP-1/SB-1 area confirm a cross contamination during the prior sampling activities, a Closure Report will promptly be submitted. However, if the results indicate that impacts do genuinely exist in the forty-five (45) foot bgs section of TP-1/SB-1 area, then an additional 145 days will be required for bioremediation to be completed.

Once confirmation samples collected from the soil boring(s) post treatment are below Table 1 closure criteria, treatment wells will be plugged with non-impacted soil material and cut/capped at a depth of three (3) feet bgs, or completely removed with the bore hole backfilled with non-impacted soil material. A closure report will be prepared to document remediation activities and submitted to the NMOCD. If the samples exhibit Total TPH concentrations above Table 1 closure criteria an update will be provided to NMOCD with the progress to date with the additional remediation steps that will occur for the site.

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

Sincerely,

GHD

Becky Haskell
Senior Project Manager

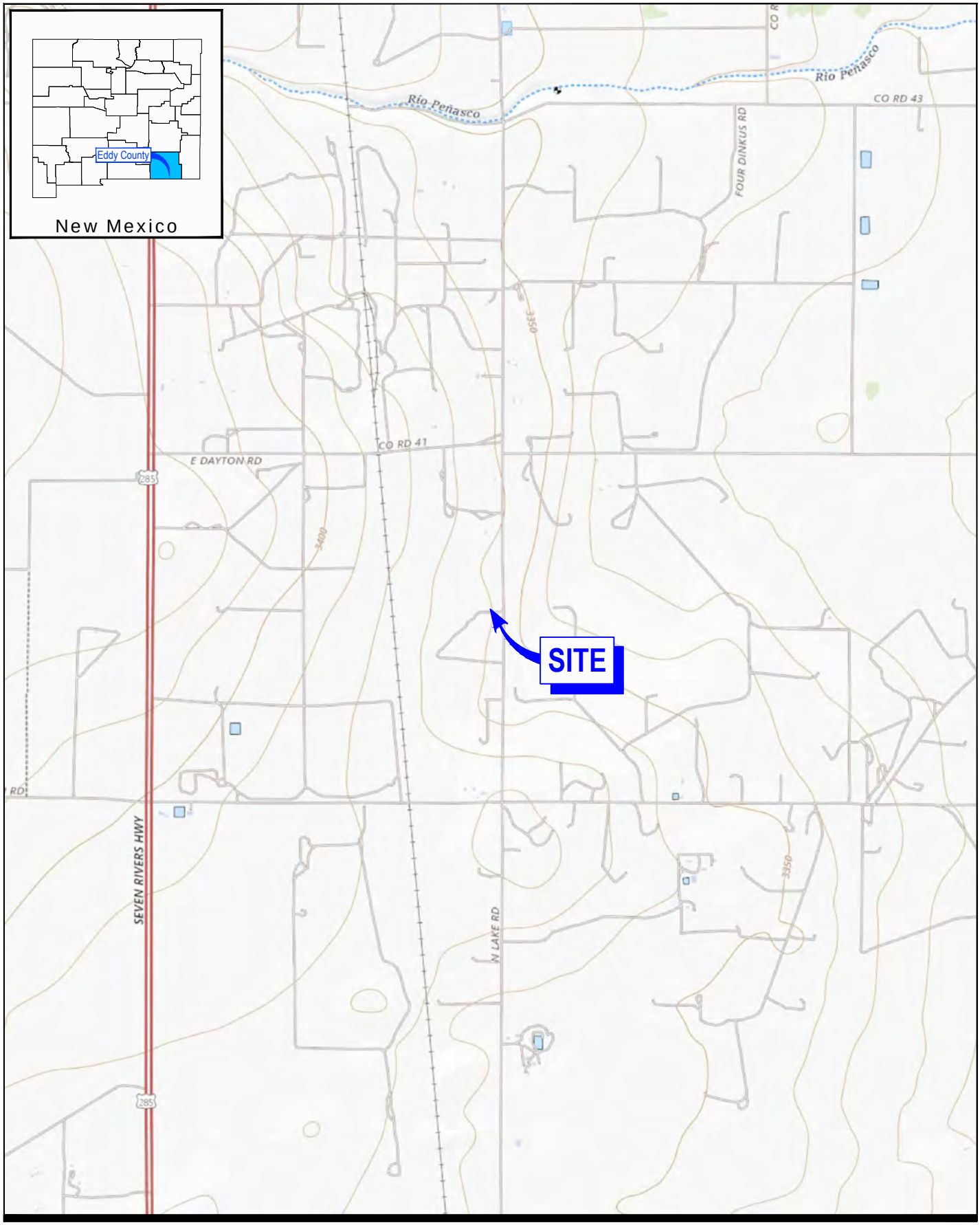
Nate Reece
Environmental Scientist

NR/bh/1

Encl. Figure 1 – Site Location Map
Figure 2 – Site Assessment: Soil Analytical Results and Proposed Excavation Map
Table 1 – Summary of Soil Analytical Data
Attachment A – Site Characterization Documentation
Attachment B – Laboratory Analytical Reports and Chain-of-Custody Documentation
Attachment C – Soil Boring Logs
Attachment D – Form C-144 Pit or Below-Grade Tank Closure

CC: Chase Settle

Figures



0 1000 2000 ft

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

N

GHD

EOG RESOURCES
EDDY COUNTY, NEW MEXICO
WHITE IU BATTERY

Project No. **12574107**
Date **April 2022**

SITE LOCATION MAP

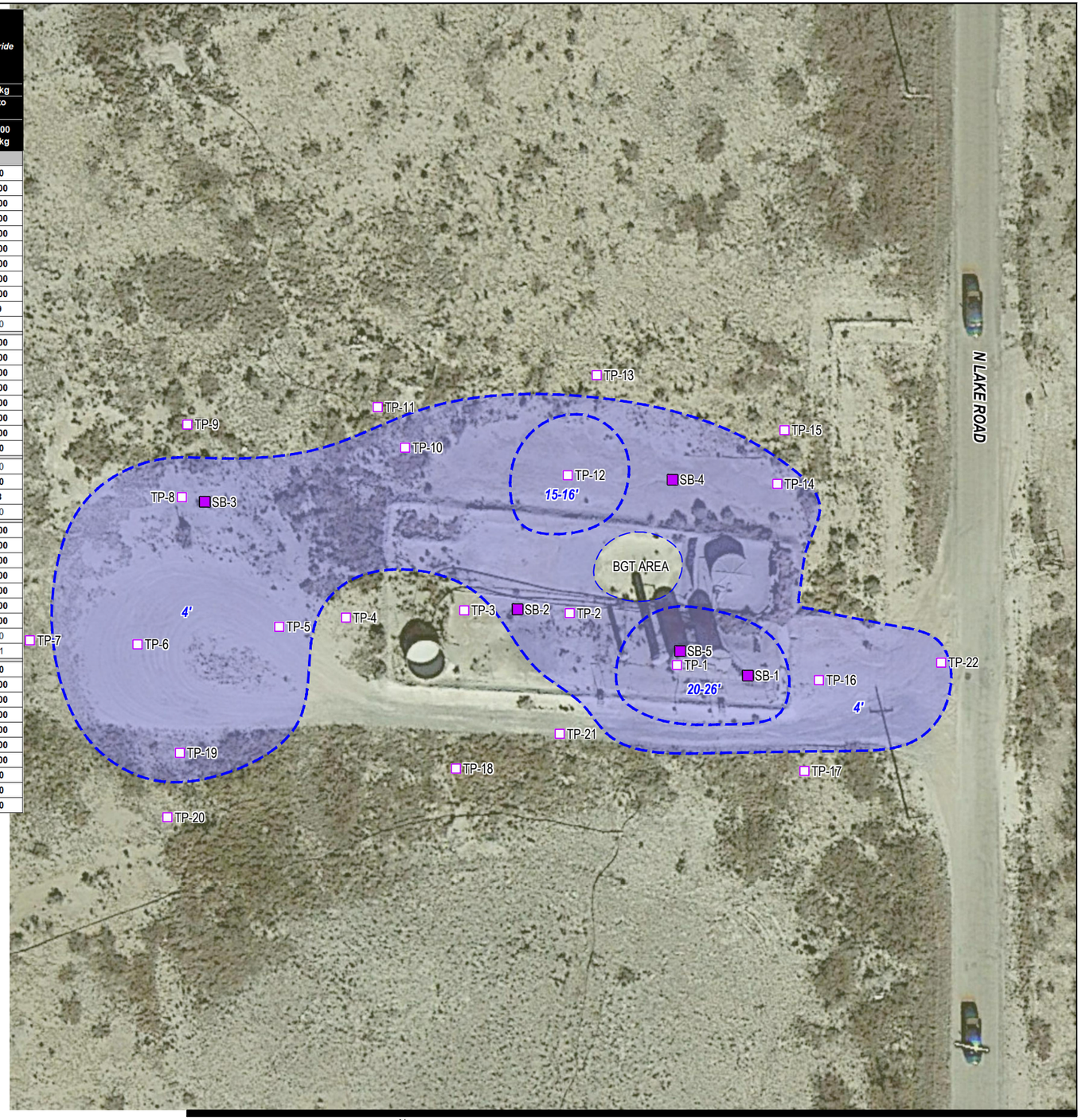
FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12574107\Digital_Design\ACAD\Figures\RPT001\12574107-GHD-0000-RPT-EN-0101_DL-001.dwg

Data Source: USGS 7.5 Minute Quad "Dayton and Lake McMillan North, New Mexico"
Lat/Long: 32.719656° North, 104.379018° West

Sample ID	Sample Date	Depth (ft bgs)	Benzene	BTEX	Total Petroleum Hydrocarbons (TPH)	Chloride
					Total GRO/DRO/MRO	
			mg/kg	mg/kg	mg/kg	mg/kg
			Table I Closure Criteria for Soils 51 - 100 feet Depth to Groundwater 19.15.29 NMAC			
			10 mg/kg	50 mg/kg	2,500 mg/kg	10,000 mg/kg
Initial Assessment Samples						
TP1-6	2/9/22	6	<0.48	**205**	**10,800**	**690**
TP1-14	2/9/22	14	**0.12**	**38.12**	**2,400**	**74**
TP1-19	2/9/22	19	**2.7**	**185.7**	**6,300**	<60
TP2-2	2/9/22	2	<0.025	<0.099	<48	**2,200**
TP2-14	2/9/22	14	<0.024	<0.096	<43	**3,100**
TP2-19	2/9/22	19	<0.024	<0.095	<43	**1,900**
TP3-2	2/9/22	2	<0.025	<0.098	<46	**410**
TP3-14	2/9/22	14	<0.024	<0.097	<47	**6,000**
TP3-19	2/9/22	19	<0.023	<0.093	<46	**5,000**
TP4-2	2/9/22	2	<0.024	<0.098	<50	**600**
TP4-4	2/9/22	4	<0.023	<0.092	<46	**530**
TP4-8	2/9/22	8	<0.024	<0.096	<47	**480**
TP5-2	2/9/22	2	<0.024	<0.097	<46	**930**
TP5-4	2/9/22	4	<0.025	<0.098	<50	**540**
TP6-2	2/9/22	2	<0.025	<0.099	<48	**830**
TP6-4	2/9/22	4	<0.025	<0.098	<48	**380**
TP7-S	2/9/22	Surface	<0.025	<0.099	<45	<60
TP7-2	2/9/22	2	<0.025	<0.10	<48	<60
TP8-2	2/9/22	2	<0.024	<0.097	<50	**1,200**
TP8-6	2/9/22	6	<0.025	<0.099	<41	**3,600**
TP8-14	2/10/22	14	<0.024	<0.097	<46	**5,600**
TP8-19	2/10/22	19	<0.024	<0.096	<48	**5,000**
TP9-S	2/10/22	Surface	<0.024	<0.097	<50	<60
TP9-2	2/10/22	2	<0.025	<0.099	<47	<60
TP10-2	2/10/22	2	<0.024	<0.096	<48	**910**
TP10-8	2/10/22	8	<0.024	<0.096	<47	**410**
TP11-S	2/10/22	Surface	<0.024	<0.097	<48	<60
TP11-2	2/10/22	2	<0.024	<0.096	<50	<60
TP12-2	2/10/22	2	<0.024	<0.097	<48	**5,800**
TP12-5	4/5/22	5	<0.024	<0.095	<50	**16,000**
TP12-6	4/5/22	6	<0.024	<0.096	<49	**11,000**
TP12-7	4/5/22	7	<0.025	<0.099	<48	**11,000**
TP12-8	4/5/22	8	<0.023	<0.093	<50	**5,000**
TP12-9	4/5/22	9	<0.023	<0.092	<48	**14,000**
TP12-10	2/10/22	10	<0.024	<0.097	<49	**12,000**
TP12-11	4/5/22	11	<0.024	<0.095	12	**13,000**
TP12-12	4/5/22	12	<0.024	<0.097	<48	**8,600**
TP12-13	4/5/22	13	<0.023	<0.094	<49	**9,200**
TP12-14	4/5/22	14	<0.024	<0.096	<49	**10,000**
TP12-15	4/5/22	15	<0.025	<0.099	<49	**12,000**
TP12-16	4/5/22	16	<0.024	<0.097	<48	**9,600**
TP12-17	4/5/22	17	<0.024	<0.095	<47	**7,100**
TP12-18	4/5/22	18	<0.024	<0.098	<48	**5,800**
TP12-19	2/10/22	19	<0.023	<0.091	<43	**5,000**
TP13-S	2/10/22	Surface	<0.023	<0.092	<48	<60
TP13-2	2/10/22	2	<0.025	<0.098	<49	**310**
TP14-2	2/10/22	2	<0.024	<0.096	<49	**5,200**
TP14-14	2/10/22	14	<0.025	<0.098	<47	**5,300**
TP14-18	2/10/22	18	<0.024	<0.098	<49	**4,100**
TP15-S	2/10/22	Surface	<0.024	<0.095	<47	<60
TP15-2	2/10/22	2	<0.024	<0.096	<48	<60
TP16-2	2/10/22	2	<0.025	<0.099	<48	**860**
TP16-4	2/10/22	4	<0.023	<0.093	<48	**800**
TP16-12	2/10/22	12	<0.023	<0.092	<49	**920**
TP16-19	2/10/22	19	<0.023	<0.091	<48	**770**
TP17-S	2/10/22	Surface	<0.025	<0.098	<50	<60
TP17-2	2/10/22	2	<0.025	<0.099	<48	<60
TP18-S	2/11/22	Surface	<0.024	<0.097	<49	<60
TP18-2	2/11/22	2	<0.024	<0.096	<47	<60
TP19-2	2/11/22	2	<0.025	<0.099	<50	**1,800**
TP19-8	2/11/22	8	<0.025	<0.10	<46	**170**
TP20-S	2/11/22	Surface	<0.024	<0.098	<49	<60
TP20-2	2/11/22	2	<0.024	<0.097	<50	**190**
TP21-S	2/11/22	Surface	<0.025	<0.10	<49	<60
TP21-2	2/11/22	2	<0.025	<0.099	<48	**350**
TP22-2	2/11/22	2	<0.025	<0.099	<50	**880**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	BTEX	Total Petroleum Hydrocarbons (TPH)	Chloride
					Total GRO/DRO/MRO	
			mg/kg	mg/kg	mg/kg	mg/kg
			Table I Closure Criteria for Soils 51 - 100 feet Depth to Groundwater 19.15.29 NMAC			
			10 mg/kg	50 mg/kg	2,500 mg/kg	10,000 mg/kg
Soil Boring Samples						
SB-1 (20')	4/21/22	20	**0.15**	**57.65**	**7,110**	**240**
SB-1 (25')	4/21/22	25	**0.28**	**10.08**	**1,320**	**3,200**
SB-1 (30')	4/21/22	30	<0.12	**12.7**	**680**	**3,700**
SB-1 (35')	4/21/22	35	**0.46**	**17.96**	**970**	**6,200**
SB-1 (40')	4/21/22	40	<0.12	<0.49	**480**	**6,800**
SB-1 (45')	4/21/22	45	<0.12	**3.9**	**2,074**	**2,100**
SB-1 (50')	4/21/22	50	<0.023	<0.094	<46	**2,900**
SB-1 (55')	4/21/22	55	<0.024	<0.096	<46	**6,900**
SB-1 (60')	4/21/22	60	<0.024	<0.095	<50	**2,500**
SB-1 (70')	4/21/22	70	<0.024	<0.096	<48	**69**
SB-1 (75')	4/21/22	75	<0.024	<0.098	<46	<60
SB-2 (20')	4/21/22	20	<0.025	<0.099	<49	**1,500**
SB-2 (25')	4/21/22	25	<0.024	<0.096	<48	**1,800**
SB-2 (30')	4/21/22	30	<0.024	<0.095	<48	**8,800**
SB-2 (35')	4/21/22	35	<0.024	<0.096	<50	**7,200**
SB-2 (40')	4/21/22	40	<0.024	<0.097	<50	**1,500**
SB-2 (45')	4/21/22	45	<0.025	<0.098	<48	**1,500**
SB-2 (50')	4/21/22	50	<0.024	<0.096	<46	**1,500**
SB-2 (55')	4/21/22	55	<0.025	<0.10	<47	**240**
SB-3 (20')	4/21/22	20	<0.12	<0.46	<50	<60
SB-3 (25')	4/21/22	25	<0.024	<0.098	<45	**190**
SB-3 (30')	4/21/22	30	<0.024	<0.097	<47	**88**
SB-3 (35')	4/21/22	35	<0.025	<0.10	<49	<60
SB-4 (20')	4/21/22	20	<0.024	<0.094	<46	**2,400**
SB-4 (25')	4/21/22	25	<0.023	<0.092	<50	**5,000**
SB-4 (30')	4/21/22	30	<0.023	<0.093	<46	**4,700**
SB-4 (35')	4/21/22	35	<0.025	<0.10	<48	**3,000**
SB-4 (40')	4/21/22	40	<0.023	<0.093	<48	**3,100**
SB-4 (45')	4/21/22	45	<0.023	<0.093	<47	**3,200**
SB-4 (50')	4/21/22	50	<0.025	<0.098	<50	**1,200**
SB-4 (60')	4/21/22	60	<0.025	<0.099	<49	<60
SB-4 (65')	4/21/22	65	<0.024	<0.095	<46	<61
SB-5 (20')	4/29/22	20	<0.023	<0.092	<47	**370**
SB-5 (25')	4/29/22	25	<0.025	<0.099	<46	**3,900**
SB-5 (30')	4/29/22	30	<0.024	<0.094	<48	**3,200**
SB-5 (35')	4/29/22	35	<0.023	<0.093	<49	**3,400**
SB-5 (40')	4/29/22	40	<0.024	<0.095	<49	**4,800**
SB-5 (45')	4/29/22	45	<0.025	<0.098	<47	**3,100**
SB-5 (50')	4/29/22	50	<0.023	<0.093	<47	**5,000**
SB-5 (55')	4/29/22	55	<0.025	<0.10	<47	**850**
SB-5 (60')	4/29/22	60	<0.024	<0.096	<46	**160**
SB-5 (65')	4/29/22	65	<0.024	<0.095	<50	**210**



LEGEND

- 4' — PROPOSED EXCAVATED AREA WITH DEPTH
- TEST PIT LOCATION
- PROPOSED SOIL BORING LOCATION
- DEPTH — DEPTH OF SAMPLE (FT)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH — TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

NOTES:

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

0 25 50 ft

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

N

GHD

EOG RESOURCES
EDDY COUNTY, NEW MEXICO
WHITE IU BATTERY

SITE ASSESSMENT:
SOIL ANALYTICAL RESULTS MAP

Project No. **12574107**
Date **June 2022**

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12574107\Digital_Design\ACAD\Figures\RPT001\12574107-GHD-0000-RPT-EN-0101_DL-001.dwg
Plot Date: 29 June 2022 3:23 PM

Data Source: Image © 2021 Google - Imagery Date: December 21, 2019
Lat/Long: 32.719656° North, 104.379018° West

Tables

Table 1
Summary of Soil Analytical Data
White IU Battery
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)					Chloride
								GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Table I Closure Criteria for Soils 51 - 100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---		1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Initial Assessment Samples													
TP1-6	2/9/22	6	<0.48	<0.95	**130**	**75**	**205**	**1,500**	**7,900**	**9,400**	**1,400**	**10,800**	**690**
TP1-14	2/9/22	14	**0.12**	<0.24	**22**	**16**	**38.12**	**290**	**1,600**	**1,890**	**510**	**2,400**	**74**
TP1-19	2/9/22	19	**2.7**	**20**	**84**	**79**	**185.7**	1,100	3,900	**5,000**	**1,300**	**6,300**	<60
TP2-2	2/9/22	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<9.6	<48	<48	**2,200**
TP2-14	2/9/22	14	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	**9.4**	**9.4**	<43	<43	**3,100**
TP2-19	2/9/22	19	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<8.6	<8.6	<43	<43	**1,900**
TP3-2	2/9/22	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<9.1	<46	<46	**410**
TP3-14	2/9/22	14	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.4	<9.4	<47	<47	**6,000**
TP3-19	2/9/22	19	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.2	<9.2	<46	<46	**5,000**
TP4-2	2/9/22	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	**600**
TP4-4	2/9/22	4	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.3	<9.3	<46	<46	**530**
TP4-8	2/9/22	8	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<9.4	<47	<47	**480**
TP5-2	2/9/22	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.3	<9.3	<46	<46	**930**
TP5-4	2/9/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	**540**
TP6-2	2/9/22	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<48	<48	**830**
TP6-4	2/9/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<9.7	<48	<48	**380**
TP7-S	2/9/22	Surface	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.0	<9.0	<45	<45	<60
TP7-2	2/9/22	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<9.7	<48	<48	<60
TP8-2	2/9/22	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<10	<10	<50	<50	**1,200**
TP8-6	2/9/22	6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<8.3	<8.3	<41	<41	**3,600**
TP8-14	2/10/22	14	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.1	<9.1	<46	<46	**5,600**
TP8-19	2/10/22	19	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<9.6	<48	<48	**5,000**
TP9-S	2/10/22	Surface	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<9.9	<50	<50	<60
TP9-2	2/10/22	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<9.4	<47	<47	<60
TP10-2	2/10/22	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<9.6	<48	<48	**910**
TP10-8	2/10/22	8	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<9.4	<47	<47	**410**
TP11-S	2/10/22	Surface	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.5	<9.5	<48	<48	<60
TP11-2	2/10/22	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<10	<50	<50	<60
TP12-2	2/10/22	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.7	<9.7	<48	<48	**5,800**
TP12-5	4/5/22	5	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<10	<10	<50	<50	**16,000**
TP12-6	4/5/22	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<9.8	<49	<49	**11,000**
TP12-7	4/5/22	7	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<9.7	<48	<48	**11,000**
TP12-8	4/5/22	8	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<9.9	<50	<50	**5,000**

Table 1
Summary of Soil Analytical Data
White IU Battery
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)					Chloride
								GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Table I Closure Criteria for Soils 51 - 100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---		1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
TP12-9	4/5/22	9	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.5	<9.5	<48	<48	**14,000**
TP12-10	2/10/22	10	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.8	<9.8	<49	<49	**12,000**
TP12-11	4/5/22	11	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	**12**	**12**	<49	12	**13,000**
TP12-12	4/5/22	12	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<9.6	<48	<48	**8,600**
TP12-13	4/5/22	13	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<9.8	<49	<49	**9,200**
TP12-14	4/5/22	14	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<9.9	<49	<49	**10,000**
TP12-15	4/5/22	15	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<49	<49	**12,000**
TP12-16	4/5/22	16	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.7	<9.7	<48	<48	**9,600**
TP12-17	4/5/22	17	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.4	<9.4	<47	<47	**7,100**
TP12-18	4/5/22	18	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<9.7	<48	<48	**5,800**
TP12-19	2/10/22	19	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<8.6	<8.6	<43	<43	**5,000**
TP13-S	2/10/22	Surface	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.7	<9.7	<48	<48	<60
TP13-2	2/10/22	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<9.7	<49	<49	**310**
TP14-2	2/10/22	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<9.8	<49	<49	**5,200**
TP14-14	2/10/22	14	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<9.4	<47	<47	**5,300**
TP14-18	2/10/22	18	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<9.8	<49	<49	**4,100**
TP15-S	2/10/22	Surface	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.3	<9.3	<47	<47	<60
TP15-2	2/10/22	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<9.6	<48	<48	<60
TP16-2	2/10/22	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<9.6	<48	<48	**860**
TP16-4	2/10/22	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.7	<9.7	<48	<48	**800**
TP16-12	2/10/22	12	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.7	<9.7	<49	<49	**920**
TP16-19	2/10/22	19	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<9.5	<9.5	<48	<48	**770**
TP17-S	2/10/22	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	<60
TP17-2	2/10/22	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<9.6	<48	<48	<60
TP18-S	2/11/22	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.9	<9.9	<49	<49	<60
TP18-2	2/11/22	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<9.5	<47	<47	<60
TP19-2	2/11/22	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<10	<10	<50	<50	**1,800**
TP19-8	2/11/22	8	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.1	<9.1	<46	<46	**170**
TP20-S	2/11/22	Surface	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<9.7	<49	<49	<60
TP20-2	2/11/22	2	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<10	<50	<50	**190**
TP21-S	2/11/22	Surface	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<9.8	<49	<49	<60
TP21-2	2/11/22	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<48	<48	**350**
TP22-2	2/11/22	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<10	<10	<50	<50	**880**

Table 1
Summary of Soil Analytical Data
White IU Battery
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)					Chloride
								GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Table I Closure Criteria for Soils 51 - 100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---		1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Soil Boring Samples													
SB-1 (20')	4/21/22	20	**0.15**	**2.5**	**26**	**29**	**57.65**	**410**	**4,900**	**5,310**	**1,800**	**7,110**	**240**
SB-1 (25')	4/21/22	25	**0.28**	<0.24	**5.3**	**4.5**	**10.08**	**90**	**960**	**1,050**	**270**	**1,320**	**3,200**
SB-1 (30')	4/21/22	30	<0.12	**1.3**	**5.6**	**5.8**	**12.7**	**140**	**400**	**540**	**140**	**680**	**3,700**
SB-1 (35')	4/21/22	35	**0.46**	**3.5**	**7.1**	**6.9**	**17.96**	**160**	**620**	**780**	**190**	**970**	**6,200**
SB-1 (40')	4/21/22	40	<0.12	<0.24	<0.24	<0.49	<0.49	<24	**330**	**330**	**150**	**480**	**6,800**
SB-1 (45')	4/21/22	45	<0.12	<0.24	**2.1**	**1.8**	**3.9**	**84**	**1,300**	**1,384**	**690**	**2,074**	**2,100**
SB-1 (50')	4/21/22	50	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.2	<9.2	<46	<46	**2,900**
SB-1 (55')	4/21/22	55	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.2	<9.2	<46	<46	**6,900**
SB-1 (60')	4/21/22	60	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.9	<9.9	<50	<50	**2,500**
SB-1 (70')	4/21/22	70	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<9.6	<48	<48	**69**
SB-1 (75')	4/21/22	75	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.2	<9.2	<46	<46	<60
SB-2 (20')	4/21/22	20	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<49	<49	**1,500**
SB-2 (25')	4/21/22	25	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<9.5	<48	<48	**1,800**
SB-2 (30')	4/21/22	30	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.6	<9.6	<48	<48	**8,800**
SB-2 (35')	4/21/22	35	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<10	<50	<50	**7,200**
SB-2 (40')	4/21/22	40	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<10	<50	<50	**1,500**
SB-2 (45')	4/21/22	45	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<9.6	<48	<48	**1,500**
SB-2 (50')	4/21/22	50	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.3	<9.3	<46	<46	**1,500**
SB-2 (55')	4/21/22	55	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<9.5	<47	<47	**240**
SB-3 (20')	4/21/22	20	<0.12	<0.23	<0.23	<0.46	<0.46	<23	<10	<10	<50	<50	<60
SB-3 (25')	4/21/22	25	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.0	<9.0	<45	<45	**190**
SB-3 (30')	4/21/22	30	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.3	<9.3	<47	<47	**88**
SB-3 (35')	4/21/22	35	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<9.9	<49	<49	<60
SB-4 (20')	4/21/22	20	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.3	<9.3	<46	<46	**2,400**
SB-4 (25')	4/21/22	25	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.9	<9.9	<50	<50	**5,000**
SB-4 (30')	4/21/22	30	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.3	<9.3	<46	<46	**4,700**
SB-4 (35')	4/21/22	35	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<9.7	<48	<48	**3,000**
SB-4 (40')	4/21/22	40	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.5	<9.5	<48	<48	**3,100**
SB-4 (45')	4/21/22	45	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.3	<9.3	<47	<47	**3,200**
SB-4 (50')	4/21/22	50	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	**1,200**
SB-4 (60')	4/21/22	60	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<9.8	<49	<49	<60
SB-4 (65')	4/21/22	65	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.2	<9.2	<46	<46	<61
SB-5 (20')	4/29/22	20	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.4	<9.4	<47	<47	**370**
SB-5 (25')	4/29/22	25	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.3	<9.3	<46	<46	**3,900**

Table 1
Summary of Soil Analytical Data
White IU Battery
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)					Chloride
								GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Table I Closure Criteria for Soils 51 - 100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---		1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
SB-5 (30')	4/29/22	30	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.5	<9.5	<48	<48	**3,200**
SB-5 (35')	4/29/22	35	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.8	<9.8	<49	<49	**3,400**
SB-5 (40')	4/29/22	40	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.7	<9.7	<49	<49	**4,800**
SB-5 (45')	4/29/22	45	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<9.4	<47	<47	**3,100**
SB-5 (50')	4/29/22	50	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.5	<9.5	<47	<47	**5,000**
SB-5 (55')	4/29/22	55	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<9.4	<47	<47	**850**
SB-5 (60')	4/29/22	60	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.3	<9.3	<46	<46	**160**
SB-5 (65')	4/29/22	65	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.9	<9.9	<50	<50	**210**

Notes:

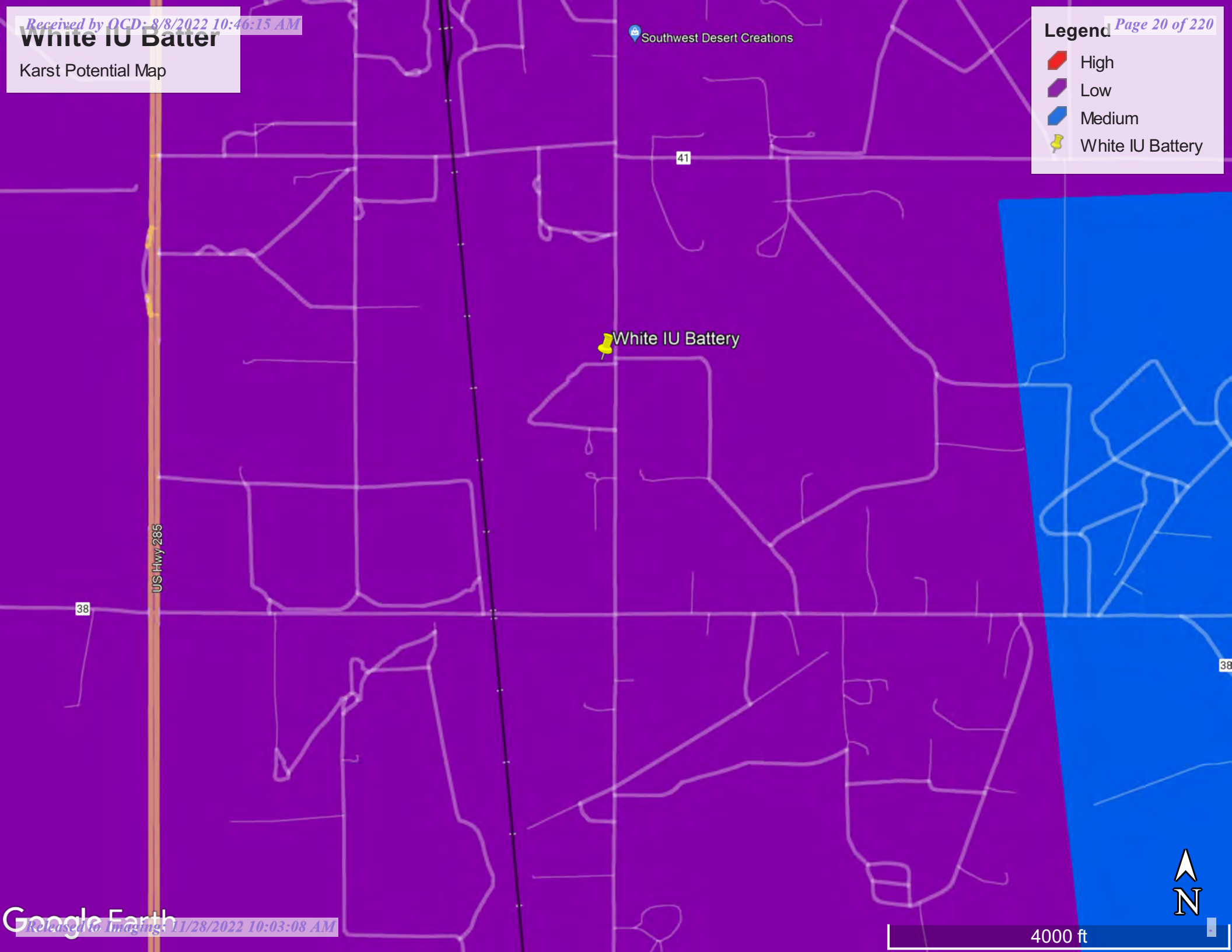
1. Values reported in mg/kg
2. < = Value Less than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
4 BTEX analyses by EPA Method SW 8021B.
5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

~~B-BH-2~~ Sample Point Excavated

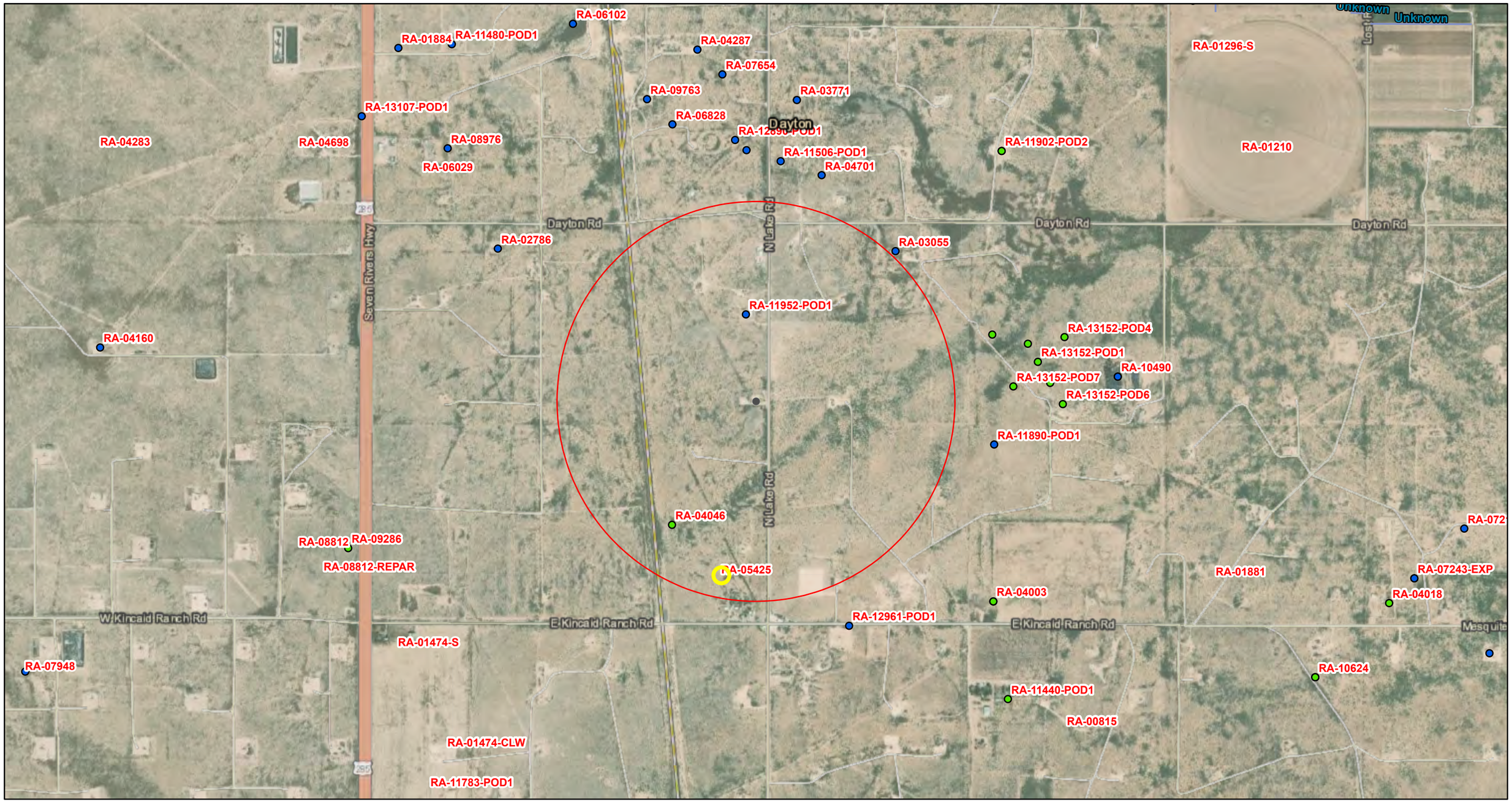
Attachment A
Site Characterization Documentation

White IU Battery

Karst Potential Map



White IU Battery



3/21/2022, 1:00:46 PM

GIS WATERS PODs
- Active
- Pending

OSE District Boundary

Water Right Regulations
- Closure Area

Conveyances
- Ditch
- SiteBoundaries

1:18,056

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	RA 11952 POD1	4	2	2	28	18S	26E	558153	3620727

Driller License: 1064 **Driller Company:** DELFORD W. MARTIN

Driller Name: DELFORD MARTIN

Drill Start Date:	07/07/2013	**Drill Finish Date:**	08/01/2013	**Plug Date:**	
Log File Date:	08/08/2013	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	5.00	**Depth Well:**	170 feet	**Depth Water:**	90 feet

Water Bearing Stratifications:	Top	Bottom	Description
	105	128	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	110	170

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	RA 05425		4	4	28	18S	26E	558060	3619677*

Driller License: 353 **Driller Company:** OSBOURN DRILLING & PUMP CO.

Driller Name:

Drill Start Date: 05/16/1968 **Drill Finish Date:** 05/18/1968 **Plug Date:**

Log File Date: 05/20/1968 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** 160 feet **Depth Water:** 90 feet

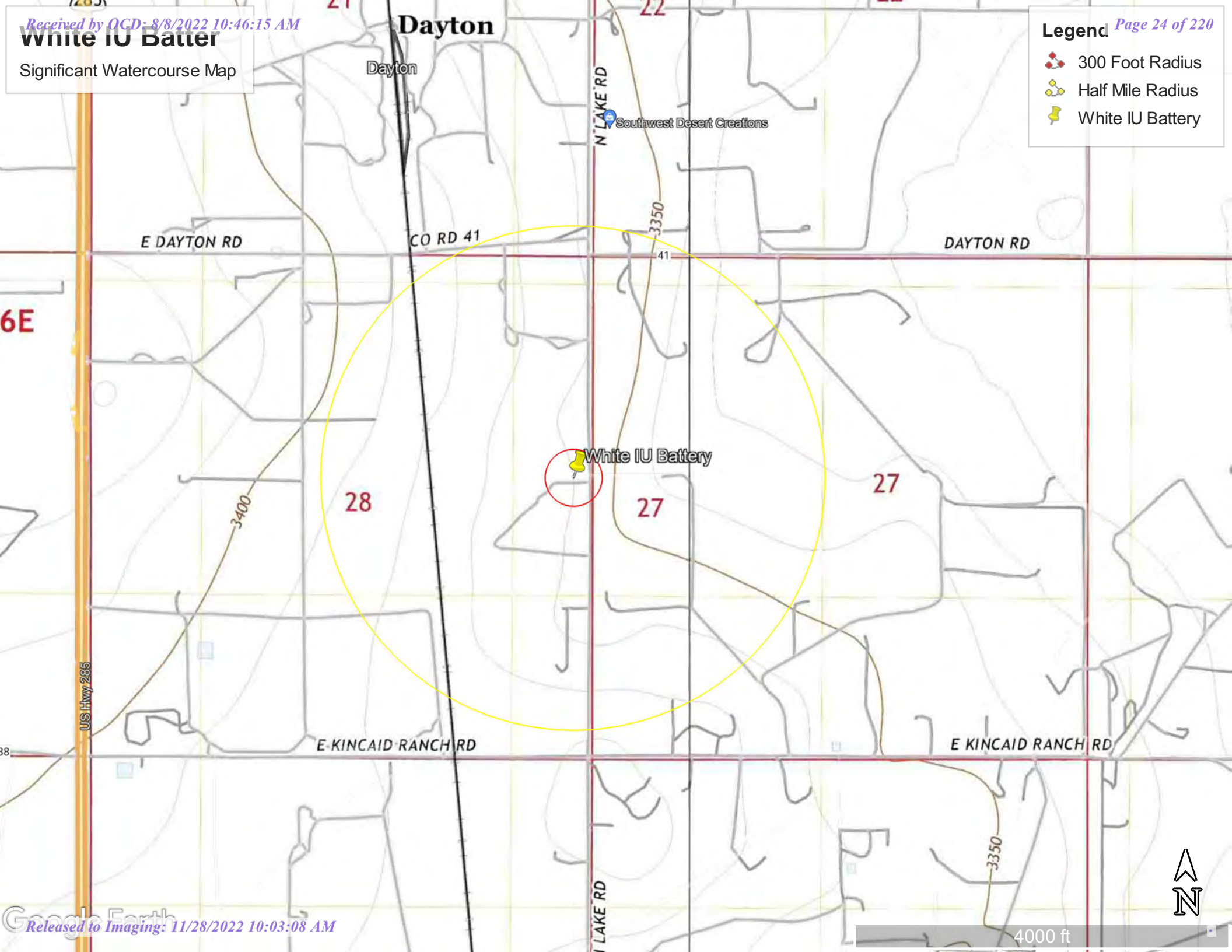
Water Bearing Stratifications:	Top	Bottom	Description
	90	158	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	80	115
	105	160

***UTM location was derived from PLSS - see Help**

White IU Battery

Significant Watercourse Map



U.S. Fish and Wildlife Service

National Wetlands Inventory

White IU Battery

February 22, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

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

National Flood Hazard Layer FIRMette

FEMA

104°23'3"W 32°43'26"N

104°22'26"W 32°42'56"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

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

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/22/2022 at 6:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

February 24, 2022

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

RE: White IU Battery OrderNo.: 2202574

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 20 sample(s) on 2/11/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued February 22, 2022.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-6
Project: White IU Battery
Collection Date: 2/9/2022 7:50:00 AM
Lab ID: 2202574-001 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	690	60		mg/Kg	20	2/17/2022 5:27:55 PM	65610
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	7900	180		mg/Kg	20	2/16/2022 12:51:39 AM	65518
Motor Oil Range Organics (MRO)	1400	910		mg/Kg	20	2/16/2022 12:51:39 AM	65518
Surr: DNOP	0	51.1-141	S	%Rec	20	2/16/2022 12:51:39 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	1500	95		mg/Kg	20	2/15/2022 1:21:27 AM	65502
Surr: BFB	740	70-130	S	%Rec	20	2/15/2022 1:21:27 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.48		mg/Kg	20	2/15/2022 1:21:27 AM	65502
Toluene	ND	0.95		mg/Kg	20	2/15/2022 1:21:27 AM	65502
Ethylbenzene	130	4.8		mg/Kg	100	2/15/2022 9:13:10 AM	65502
Xylenes, Total	75	1.9		mg/Kg	20	2/15/2022 1:21:27 AM	65502
Surr: 4-Bromofluorobenzene	234	70-130	S	%Rec	20	2/15/2022 1:21:27 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-14
Project: White IU Battery
Collection Date: 2/9/2022 8:30:00 AM
Lab ID: 2202574-002 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	74	60		mg/Kg	20	2/17/2022 10:47:35 AM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	1600	100		mg/Kg	10	2/16/2022 12:28:23 PM	65518
Motor Oil Range Organics (MRO)	510	500		mg/Kg	10	2/16/2022 12:28:23 PM	65518
Surr: DNOP	0	51.1-141	S	%Rec	10	2/16/2022 12:28:23 PM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	290	24		mg/Kg	5	2/15/2022 1:44:55 AM	65502
Surr: BFB	510	70-130	S	%Rec	5	2/15/2022 1:44:55 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.12	0.12		mg/Kg	5	2/15/2022 1:44:55 AM	65502
Toluene	ND	0.24		mg/Kg	5	2/15/2022 1:44:55 AM	65502
Ethylbenzene	22	0.24		mg/Kg	5	2/15/2022 1:44:55 AM	65502
Xylenes, Total	16	0.48		mg/Kg	5	2/15/2022 1:44:55 AM	65502
Surr: 4-Bromofluorobenzene	169	70-130	S	%Rec	5	2/15/2022 1:44:55 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Client Sample ID:** TP1-19
Project: White IU Battery **Collection Date:** 2/9/2022 9:05:00 AM
Lab ID: 2202574-003 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	2/17/2022 10:59:56 AM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	3900	200		mg/Kg	20	2/16/2022 1:13:22 AM	65518
Motor Oil Range Organics (MRO)	1300	1000		mg/Kg	20	2/16/2022 1:13:22 AM	65518
Surr: DNOP	0	51.1-141	S	%Rec	20	2/16/2022 1:13:22 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	1100	23		mg/Kg	5	2/15/2022 2:08:19 AM	65502
Surr: BFB	1270	70-130	S	%Rec	5	2/15/2022 2:08:19 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	2.7	1.2		mg/Kg	50	2/15/2022 9:36:50 AM	65502
Toluene	20	2.3		mg/Kg	50	2/15/2022 9:36:50 AM	65502
Ethylbenzene	84	2.3		mg/Kg	50	2/15/2022 9:36:50 AM	65502
Xylenes, Total	79	4.7		mg/Kg	50	2/15/2022 9:36:50 AM	65502
Surr: 4-Bromofluorobenzene	133	70-130	S	%Rec	50	2/15/2022 9:36:50 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-2
Project: White IU Battery
Collection Date: 2/9/2022 9:20:00 AM
Lab ID: 2202574-004 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2200	60		mg/Kg	20	2/17/2022 11:12:16 AM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/16/2022 1:24:10 AM	65518
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 1:24:10 AM	65518
Surr: DNOP	104	51.1-141		%Rec	1	2/16/2022 1:24:10 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/15/2022 2:31:40 AM	65502
Surr: BFB	126	70-130		%Rec	1	2/15/2022 2:31:40 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	2/15/2022 2:31:40 AM	65502
Toluene	ND	0.050		mg/Kg	1	2/15/2022 2:31:40 AM	65502
Ethylbenzene	ND	0.050		mg/Kg	1	2/15/2022 2:31:40 AM	65502
Xylenes, Total	ND	0.099		mg/Kg	1	2/15/2022 2:31:40 AM	65502
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	2/15/2022 2:31:40 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-14
Project: White IU Battery
Collection Date: 2/9/2022 10:05:00 AM
Lab ID: 2202574-005 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	3100	150		mg/Kg	50	2/18/2022 1:26:38 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	9.4	8.6		mg/Kg	1	2/16/2022 1:34:58 AM	65518
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	2/16/2022 1:34:58 AM	65518
Surr: DNOP	98.7	51.1-141		%Rec	1	2/16/2022 1:34:58 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/15/2022 2:55:00 AM	65502
Surr: BFB	127	70-130		%Rec	1	2/15/2022 2:55:00 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	2/15/2022 2:55:00 AM	65502
Toluene	ND	0.048		mg/Kg	1	2/15/2022 2:55:00 AM	65502
Ethylbenzene	ND	0.048		mg/Kg	1	2/15/2022 2:55:00 AM	65502
Xylenes, Total	ND	0.096		mg/Kg	1	2/15/2022 2:55:00 AM	65502
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	2/15/2022 2:55:00 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-19
Project: White IU Battery
Collection Date: 2/9/2022 10:25:00 AM
Lab ID: 2202574-006 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1900	60		mg/Kg	20	2/17/2022 11:36:57 AM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	2/16/2022 1:45:46 AM	65518
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	2/16/2022 1:45:46 AM	65518
Surr: DNOP	97.3	51.1-141		%Rec	1	2/16/2022 1:45:46 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/15/2022 3:41:38 AM	65502
Surr: BFB	110	70-130		%Rec	1	2/15/2022 3:41:38 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/15/2022 3:41:38 AM	65502
Toluene	ND	0.048		mg/Kg	1	2/15/2022 3:41:38 AM	65502
Ethylbenzene	ND	0.048		mg/Kg	1	2/15/2022 3:41:38 AM	65502
Xylenes, Total	ND	0.095		mg/Kg	1	2/15/2022 3:41:38 AM	65502
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	2/15/2022 3:41:38 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP3-2
Project: White IU Battery
Collection Date: 2/9/2022 10:45:00 AM
Lab ID: 2202574-007 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	410	60		mg/Kg	20	2/17/2022 11:49:18 AM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	2/16/2022 1:56:30 AM	65518
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/16/2022 1:56:30 AM	65518
Surr: DNOP	107	51.1-141		%Rec	1	2/16/2022 1:56:30 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/15/2022 4:04:52 AM	65502
Surr: BFB	110	70-130		%Rec	1	2/15/2022 4:04:52 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	2/15/2022 4:04:52 AM	65502
Toluene	ND	0.049		mg/Kg	1	2/15/2022 4:04:52 AM	65502
Ethylbenzene	ND	0.049		mg/Kg	1	2/15/2022 4:04:52 AM	65502
Xylenes, Total	ND	0.098		mg/Kg	1	2/15/2022 4:04:52 AM	65502
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	2/15/2022 4:04:52 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP3-14
Project: White IU Battery
Collection Date: 2/9/2022 11:20:00 AM
Lab ID: 2202574-008 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	6000	300		mg/Kg	100	2/18/2022 1:38:58 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	2/16/2022 2:07:11 AM	65518
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/16/2022 2:07:11 AM	65518
Surr: DNOP	98.6	51.1-141		%Rec	1	2/16/2022 2:07:11 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/15/2022 4:28:08 AM	65502
Surr: BFB	113	70-130		%Rec	1	2/15/2022 4:28:08 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/15/2022 4:28:08 AM	65502
Toluene	ND	0.048		mg/Kg	1	2/15/2022 4:28:08 AM	65502
Ethylbenzene	ND	0.048		mg/Kg	1	2/15/2022 4:28:08 AM	65502
Xylenes, Total	ND	0.097		mg/Kg	1	2/15/2022 4:28:08 AM	65502
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/15/2022 4:28:08 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP3-19
Project: White IU Battery
Collection Date: 2/9/2022 11:40:00 AM
Lab ID: 2202574-009 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	5000	300		mg/Kg	100	2/18/2022 1:51:19 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	2/16/2022 2:17:51 AM	65518
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/16/2022 2:17:51 AM	65518
Surr: DNOP	124	51.1-141		%Rec	1	2/16/2022 2:17:51 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/15/2022 4:51:22 AM	65502
Surr: BFB	112	70-130		%Rec	1	2/15/2022 4:51:22 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	2/15/2022 4:51:22 AM	65502
Toluene	ND	0.046		mg/Kg	1	2/15/2022 4:51:22 AM	65502
Ethylbenzene	ND	0.046		mg/Kg	1	2/15/2022 4:51:22 AM	65502
Xylenes, Total	ND	0.093		mg/Kg	1	2/15/2022 4:51:22 AM	65502
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/15/2022 4:51:22 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Client Sample ID:** TP4-2
Project: White IU Battery **Collection Date:** 2/9/2022 12:50:00 PM
Lab ID: 2202574-010 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	600	60		mg/Kg	20	2/17/2022 12:51:01 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/16/2022 2:28:28 AM	65518
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/16/2022 2:28:28 AM	65518
Surr: DNOP	93.6	51.1-141		%Rec	1	2/16/2022 2:28:28 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/15/2022 10:00:28 AM	65502
Surr: BFB	116	70-130		%Rec	1	2/15/2022 10:00:28 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/15/2022 10:00:28 AM	65502
Toluene	ND	0.049		mg/Kg	1	2/15/2022 10:00:28 AM	65502
Ethylbenzene	ND	0.049		mg/Kg	1	2/15/2022 10:00:28 AM	65502
Xylenes, Total	ND	0.098		mg/Kg	1	2/15/2022 10:00:28 AM	65502
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	2/15/2022 10:00:28 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP4-4
Project: White IU Battery
Collection Date: 2/9/2022 12:55:00 PM
Lab ID: 2202574-011 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	530	60		mg/Kg	20	2/17/2022 1:03:22 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	2/16/2022 2:39:03 AM	65518
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/16/2022 2:39:03 AM	65518
Surr: DNOP	90.1	51.1-141		%Rec	1	2/16/2022 2:39:03 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/15/2022 10:24:11 AM	65502
Surr: BFB	115	70-130		%Rec	1	2/15/2022 10:24:11 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	2/15/2022 10:24:11 AM	65502
Toluene	ND	0.046		mg/Kg	1	2/15/2022 10:24:11 AM	65502
Ethylbenzene	ND	0.046		mg/Kg	1	2/15/2022 10:24:11 AM	65502
Xylenes, Total	ND	0.092		mg/Kg	1	2/15/2022 10:24:11 AM	65502
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	2/15/2022 10:24:11 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Client Sample ID:** TP4-8
Project: White IU Battery **Collection Date:** 2/9/2022 1:05:00 PM
Lab ID: 2202574-012 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	480	60		mg/Kg	20	2/17/2022 1:15:42 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	2/16/2022 2:49:38 AM	65518
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/16/2022 2:49:38 AM	65518
Surr: DNOP	100	51.1-141		%Rec	1	2/16/2022 2:49:38 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/15/2022 10:48:01 AM	65502
Surr: BFB	117	70-130		%Rec	1	2/15/2022 10:48:01 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/15/2022 10:48:01 AM	65502
Toluene	ND	0.048		mg/Kg	1	2/15/2022 10:48:01 AM	65502
Ethylbenzene	ND	0.048		mg/Kg	1	2/15/2022 10:48:01 AM	65502
Xylenes, Total	ND	0.096		mg/Kg	1	2/15/2022 10:48:01 AM	65502
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	2/15/2022 10:48:01 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP5-2
Project: White IU Battery
Collection Date: 2/9/2022 1:35:00 PM
Lab ID: 2202574-013 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	930	60		mg/Kg	20	2/17/2022 1:28:03 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	2/16/2022 3:00:10 AM	65518
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/16/2022 3:00:10 AM	65518
Surr: DNOP	102	51.1-141		%Rec	1	2/16/2022 3:00:10 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/15/2022 11:11:49 AM	65502
Surr: BFB	117	70-130		%Rec	1	2/15/2022 11:11:49 AM	65502
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	2/15/2022 11:11:49 AM	65502
Toluene	ND	0.049		mg/Kg	1	2/15/2022 11:11:49 AM	65502
Ethylbenzene	ND	0.049		mg/Kg	1	2/15/2022 11:11:49 AM	65502
Xylenes, Total	ND	0.097		mg/Kg	1	2/15/2022 11:11:49 AM	65502
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	2/15/2022 11:11:49 AM	65502

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Client Sample ID:** TP5-4
Project: White IU Battery **Collection Date:** 2/9/2022 1:40:00 PM
Lab ID: 2202574-014 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	540	60		mg/Kg	20	2/17/2022 1:40:23 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/16/2022 3:10:42 AM	65518
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/16/2022 3:10:42 AM	65518
Surr: DNOP	96.5	51.1-141		%Rec	1	2/16/2022 3:10:42 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/14/2022 1:45:00 PM	65505
Surr: BFB	101	70-130		%Rec	1	2/14/2022 1:45:00 PM	65505
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/14/2022 1:45:00 PM	65505
Toluene	ND	0.049		mg/Kg	1	2/14/2022 1:45:00 PM	65505
Ethylbenzene	ND	0.049		mg/Kg	1	2/14/2022 1:45:00 PM	65505
Xylenes, Total	ND	0.098		mg/Kg	1	2/14/2022 1:45:00 PM	65505
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	2/14/2022 1:45:00 PM	65505

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Client Sample ID:** TP6-2
Project: White IU Battery **Collection Date:** 2/9/2022 2:20:00 PM
Lab ID: 2202574-015 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	830	60		mg/Kg	20	2/17/2022 1:52:44 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 3:21:11 AM	65518
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 3:21:11 AM	65518
Surr: DNOP	95.9	51.1-141		%Rec	1	2/16/2022 3:21:11 AM	65518
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2022 2:05:00 PM	65505
Surr: BFB	96.8	70-130		%Rec	1	2/14/2022 2:05:00 PM	65505
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/14/2022 2:05:00 PM	65505
Toluene	ND	0.050		mg/Kg	1	2/14/2022 2:05:00 PM	65505
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2022 2:05:00 PM	65505
Xylenes, Total	ND	0.099		mg/Kg	1	2/14/2022 2:05:00 PM	65505
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	2/14/2022 2:05:00 PM	65505

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP6-4
Project: White IU Battery
Collection Date: 2/9/2022 2:25:00 PM
Lab ID: 2202574-016 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	380	60		mg/Kg	20	2/17/2022 2:05:05 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/15/2022 1:39:44 PM	65519
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/15/2022 1:39:44 PM	65519
Surr: DNOP	93.2	51.1-141		%Rec	1	2/15/2022 1:39:44 PM	65519
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/14/2022 3:05:00 PM	65505
Surr: BFB	95.8	70-130		%Rec	1	2/14/2022 3:05:00 PM	65505
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/14/2022 3:05:00 PM	65505
Toluene	ND	0.049		mg/Kg	1	2/14/2022 3:05:00 PM	65505
Ethylbenzene	ND	0.049		mg/Kg	1	2/14/2022 3:05:00 PM	65505
Xylenes, Total	ND	0.098		mg/Kg	1	2/14/2022 3:05:00 PM	65505
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	2/14/2022 3:05:00 PM	65505

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Client Sample ID:** TP7-2
Project: White IU Battery **Collection Date:** 2/9/2022 2:50:00 PM
Lab ID: 2202574-017 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	2/17/2022 2:42:08 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/15/2022 1:50:25 PM	65519
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/15/2022 1:50:25 PM	65519
Surr: DNOP	90.3	51.1-141		%Rec	1	2/15/2022 1:50:25 PM	65519
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2022 3:24:00 PM	65505
Surr: BFB	101	70-130		%Rec	1	2/14/2022 3:24:00 PM	65505
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/14/2022 3:24:00 PM	65505
Toluene	ND	0.050		mg/Kg	1	2/14/2022 3:24:00 PM	65505
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2022 3:24:00 PM	65505
Xylenes, Total	ND	0.10		mg/Kg	1	2/14/2022 3:24:00 PM	65505
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	2/14/2022 3:24:00 PM	65505

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP7-S
Project: White IU Battery
Collection Date: 2/9/2022 2:55:00 PM
Lab ID: 2202574-018 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	2/17/2022 3:19:10 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	2/15/2022 2:01:09 PM	65519
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	2/15/2022 2:01:09 PM	65519
Surr: DNOP	97.9	51.1-141		%Rec	1	2/15/2022 2:01:09 PM	65519
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2022 4:23:00 PM	65505
Surr: BFB	95.0	70-130		%Rec	1	2/14/2022 4:23:00 PM	65505
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/14/2022 4:23:00 PM	65505
Toluene	ND	0.050		mg/Kg	1	2/14/2022 4:23:00 PM	65505
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2022 4:23:00 PM	65505
Xylenes, Total	ND	0.099		mg/Kg	1	2/14/2022 4:23:00 PM	65505
Surr: 4-Bromofluorobenzene	81.6	70-130		%Rec	1	2/14/2022 4:23:00 PM	65505

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP8-2
Project: White IU Battery
Collection Date: 2/9/2022 3:10:00 PM
Lab ID: 2202574-019 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1200	60		mg/Kg	20	2/17/2022 3:31:32 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/15/2022 2:11:53 PM	65519
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/15/2022 2:11:53 PM	65519
Surr: DNOP	93.0	51.1-141		%Rec	1	2/15/2022 2:11:53 PM	65519
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/14/2022 4:43:00 PM	65505
Surr: BFB	95.3	70-130		%Rec	1	2/14/2022 4:43:00 PM	65505
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/14/2022 4:43:00 PM	65505
Toluene	ND	0.049		mg/Kg	1	2/14/2022 4:43:00 PM	65505
Ethylbenzene	ND	0.049		mg/Kg	1	2/14/2022 4:43:00 PM	65505
Xylenes, Total	ND	0.097		mg/Kg	1	2/14/2022 4:43:00 PM	65505
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	2/14/2022 4:43:00 PM	65505

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

Qualifiers:

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

Analytical Report
Lab Order **2202574**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP8-6
Project: White IU Battery
Collection Date: 2/9/2022 3:20:00 PM
Lab ID: 2202574-020 **Matrix:** SOIL **Received Date:** 2/11/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	3600	150		mg/Kg	50	2/18/2022 2:03:40 PM	65614
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.3		mg/Kg	1	2/15/2022 2:22:40 PM	65519
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	2/15/2022 2:22:40 PM	65519
Surr: DNOP	101	51.1-141		%Rec	1	2/15/2022 2:22:40 PM	65519
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2022 5:03:00 PM	65505
Surr: BFB	99.9	70-130		%Rec	1	2/14/2022 5:03:00 PM	65505
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/14/2022 5:03:00 PM	65505
Toluene	ND	0.050		mg/Kg	1	2/14/2022 5:03:00 PM	65505
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2022 5:03:00 PM	65505
Xylenes, Total	ND	0.099		mg/Kg	1	2/14/2022 5:03:00 PM	65505
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	2/14/2022 5:03:00 PM	65505

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202574**

24-Feb-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **MB-65610** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **65610** RunNo: **85918**

Prep Date: **2/17/2022** Analysis Date: **2/17/2022** SeqNo: **3025704** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-65610** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **65610** RunNo: **85918**

Prep Date: **2/17/2022** Analysis Date: **2/17/2022** SeqNo: **3025705** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.7	90	110			

Sample ID: **MB-65614** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **65614** RunNo: **85919**

Prep Date: **2/17/2022** Analysis Date: **2/17/2022** SeqNo: **3025798** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-65614** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **65614** RunNo: **85919**

Prep Date: **2/17/2022** Analysis Date: **2/17/2022** SeqNo: **3025799** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202574**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **2202574-016AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **TP6-4** Batch ID: **65519** RunNo: **85857**
Prep Date: **2/14/2022** Analysis Date: **2/15/2022** SeqNo: **3023439** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.1	45.62	6.201	74.0	39.3	155			
Surr: DNOP	3.2		4.562		70.4	51.1	141			

Sample ID: **2202574-016AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **TP6-4** Batch ID: **65519** RunNo: **85857**
Prep Date: **2/14/2022** Analysis Date: **2/15/2022** SeqNo: **3023440** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.4	46.90	6.201	72.2	39.3	155	0.322	23.4	
Surr: DNOP	3.3		4.690		70.6	51.1	141	0	0	

Sample ID: **LCS-65519** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **65519** RunNo: **85857**
Prep Date: **2/14/2022** Analysis Date: **2/15/2022** SeqNo: **3023482** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.9	68.9	135			
Surr: DNOP	4.5		5.000		90.2	51.1	141			

Sample ID: **MB-65519** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **65519** RunNo: **85857**
Prep Date: **2/14/2022** Analysis Date: **2/15/2022** SeqNo: **3023484** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		104	51.1	141			

Sample ID: **LCS-65518** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **65518** RunNo: **85859**
Prep Date: **2/14/2022** Analysis Date: **2/15/2022** SeqNo: **3023641** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	83.7	68.9	135			
Surr: DNOP	4.0		5.000		79.6	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202574**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **MB-65518**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **65518**	RunNo: **85859**
Prep Date: **2/14/2022**	Analysis Date: **2/15/2022**	SeqNo: **3023643** 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	9.6		10.00		95.7	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202574**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **mb-65502**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **65502**	RunNo: **85817**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3021859**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1200		1000		117	70	130			

Sample ID: **lcs-65502**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **65502**	RunNo: **85817**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3021860**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	78.6	131			
Surr: BFB	1300		1000		131	70	130			S

Sample ID: **lcs-65505**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **65505**	RunNo: **85820**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3021948**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	110	78.6	131			
Surr: BFB	1200		1000		117	70	130			

Sample ID: **mb-65505**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **65505**	RunNo: **85820**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3021949**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: **2202574-016AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **TP6-4**	Batch ID: **65505**	RunNo: **85820**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3021953**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.56	0	100	70	130	13.0	20	
Surr: BFB	1100		982.3		112	70	130	0	0	

Sample ID: **2202574-016AMS**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **TP6-4**	Batch ID: **65505**	RunNo: **85820**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3022464**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202574**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **2202574-016AMS** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP6-4** Batch ID: **65505** RunNo: **85820**
Prep Date: **2/11/2022** Analysis Date: **2/14/2022** SeqNo: **3022464** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	24.88	0	113	70	130			
Surr: BFB	1100		995.0		111	70	130			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202574**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **mb-65502** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **65502** RunNo: **85817**
Prep Date: **2/11/2022** Analysis Date: **2/14/2022** SeqNo: **3021906** 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	1.1		1.000		112	70	130			

Sample ID: **LCS-65502** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **65502** RunNo: **85817**
Prep Date: **2/11/2022** Analysis Date: **2/14/2022** SeqNo: **3021907** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.6	80	120			
Toluene	0.99	0.050	1.000	0	98.9	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		112	70	130			

Sample ID: **lcs-65505** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **65505** RunNo: **85820**
Prep Date: **2/11/2022** Analysis Date: **2/14/2022** SeqNo: **3022000** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.4	80	120			
Toluene	0.95	0.050	1.000	0	94.8	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.3	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.3	70	130			

Sample ID: **mb-65505** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **65505** RunNo: **85820**
Prep Date: **2/11/2022** Analysis Date: **2/14/2022** SeqNo: **3022001** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		90.3	70	130			

Qualifiers:

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

WO#: **2202574**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **2202574-017ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **TP7-2**	Batch ID: **65505**	RunNo: **85820**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3022006**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	0.9960	0	97.4	80	120			
Toluene	0.97	0.050	0.9960	0	97.6	80	120			
Ethylbenzene	0.98	0.050	0.9960	0	98.1	80	120			
Xylenes, Total	2.9	0.10	2.988	0	97.2	80	120			
Surr: 4-Bromofluorobenzene	0.85		0.9960		85.5	70	130			

Sample ID: **2202574-017amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **TP7-2**	Batch ID: **65505**	RunNo: **85820**							
Prep Date: **2/11/2022**	Analysis Date: **2/14/2022**	SeqNo: **3022007**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.024	0.9709	0	94.6	80	120	5.50	20	
Toluene	0.92	0.049	0.9709	0	94.5	80	120	5.69	20	
Ethylbenzene	0.92	0.049	0.9709	0	94.8	80	120	6.04	20	
Xylenes, Total	2.7	0.097	2.913	0	93.8	80	120	6.14	20	
Surr: 4-Bromofluorobenzene	0.80		0.9709		82.4	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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: GHD Midland | Work Order Number: 2202574 | RcptNo: 1

Received By: Tracy Casarrubias 2/11/2022 8:00:00 AM

Completed By: Tracy Casarrubias 2/11/2022 9:59:45 AM

Reviewed By: KPG 2/11/22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	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: JA 2/11/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.9	Good	Yes			

1 of 2

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:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X Rush 5 Day

Project Name: White IU Battery

Project #: 12574109

Project Manager: Becky Haskell, Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 3.9-0=3.9

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2202574	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
020922	0750	S	TP1-6	Jar		001	X	X									X
↓	0830	↓	TP1-14	↓		002	↓	↓									↓
	0905		TP1-19			003											
	0920		TP2-2			004											
	1005		TP2-14			005											
	1025		TP2-18			006											
	1045		TP3-2			007											
	1120		TP3-14			008											
	1140		TP3-19			009											
	1250		TP4-2			010											
	1255		TP4-4			011											
	1305		TP4-8			012											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
021022	0800	Zach Comino	ACummings		2/10/22	800
2/10/22	1900	ACummings	[signature]	Courier	2/11/22	8:00

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.
Direct Bill to EOG Chase Settle

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.

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:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush 5-day

Project Name: White Ill Battery

Project #: 12574103

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.9 -0 = 3.9

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2202574	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride 1220
2/09/22	1335	S	TP5-2	Jar		013											
	1340		TP5-4			014											
	1420		TP6-2			015											
	1425		TP6-4			016											
	1450		TP7-2			017											
	1455		TP7-5			018											
	1510		TP8-2			019											
	1520		TP8-6			020											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
2/10/22	0800	Zach Comino				
2/10/22	1900				2/11/22	800

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.
Direct Bill to EOG Chase Settle

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.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

February 24, 2022

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

RE: White IU Battery OrderNo.: 2202644

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 33 sample(s) on 2/12/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued February 23, 2022.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP8-14
Project: White IU Battery
Collection Date: 2/10/2022 7:50:00 AM
Lab ID: 2202644-001 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	5600	300		mg/Kg	100	2/20/2022 8:44:18 PM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	2/18/2022 9:07:19 PM	65565
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/18/2022 9:07:19 PM	65565
Surr: DNOP	136	51.1-141		%Rec	1	2/18/2022 9:07:19 PM	65565
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 7:25:38 PM	65540
Surr: BFB	141	70-130	S	%Rec	1	2/16/2022 7:25:38 PM	65540
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 7:25:38 PM	65540
Toluene	ND	0.049		mg/Kg	1	2/16/2022 7:25:38 PM	65540
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 7:25:38 PM	65540
Xylenes, Total	ND	0.097		mg/Kg	1	2/16/2022 7:25:38 PM	65540
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	2/16/2022 7:25:38 PM	65540

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP8-19
Project: White IU Battery
Collection Date: 2/10/2022 8:30:00 AM
Lab ID: 2202644-002 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	5000	150		mg/Kg	50	2/20/2022 8:56:43 PM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/17/2022 9:03:44 AM	65565
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/17/2022 9:03:44 AM	65565
Surr: DNOP	92.8	51.1-141		%Rec	1	2/17/2022 9:03:44 AM	65565
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 8:36:54 PM	65540
Surr: BFB	113	70-130		%Rec	1	2/16/2022 8:36:54 PM	65540
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 8:36:54 PM	65540
Toluene	ND	0.048		mg/Kg	1	2/16/2022 8:36:54 PM	65540
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 8:36:54 PM	65540
Xylenes, Total	ND	0.096		mg/Kg	1	2/16/2022 8:36:54 PM	65540
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/16/2022 8:36:54 PM	65540

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP9-2
Project: White IU Battery
Collection Date: 2/10/2022 8:45:00 AM
Lab ID: 2202644-003 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	2/19/2022 2:08:40 AM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	2/17/2022 9:14:12 AM	65565
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/17/2022 9:14:12 AM	65565
Surr: DNOP	89.5	51.1-141		%Rec	1	2/17/2022 9:14:12 AM	65565
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 9:48:00 PM	65540
Surr: BFB	118	70-130		%Rec	1	2/16/2022 9:48:00 PM	65540
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	2/16/2022 9:48:00 PM	65540
Toluene	ND	0.049		mg/Kg	1	2/16/2022 9:48:00 PM	65540
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 9:48:00 PM	65540
Xylenes, Total	ND	0.099		mg/Kg	1	2/16/2022 9:48:00 PM	65540
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	2/16/2022 9:48:00 PM	65540

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP9-S
Project: White IU Battery
Collection Date: 2/10/2022 8:50:00 AM
Lab ID: 2202644-004 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	2/19/2022 2:21:04 AM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	2/17/2022 9:24:41 AM	65565
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/17/2022 9:24:41 AM	65565
Surr: DNOP	84.8	51.1-141		%Rec	1	2/17/2022 9:24:41 AM	65565
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 10:11:37 PM	65540
Surr: BFB	115	70-130		%Rec	1	2/16/2022 10:11:37 PM	65540
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 10:11:37 PM	65540
Toluene	ND	0.048		mg/Kg	1	2/16/2022 10:11:37 PM	65540
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 10:11:37 PM	65540
Xylenes, Total	ND	0.097		mg/Kg	1	2/16/2022 10:11:37 PM	65540
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/16/2022 10:11:37 PM	65540

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP10-2
Project: White IU Battery
Collection Date: 2/10/2022 9:00:00 AM
Lab ID: 2202644-005 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	910	60		mg/Kg	20	2/19/2022 2:33:29 AM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/17/2022 9:35:31 AM	65565
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/17/2022 9:35:31 AM	65565
Surr: DNOP	89.2	51.1-141		%Rec	1	2/17/2022 9:35:31 AM	65565
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 10:35:22 PM	65540
Surr: BFB	115	70-130		%Rec	1	2/16/2022 10:35:22 PM	65540
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 10:35:22 PM	65540
Toluene	ND	0.048		mg/Kg	1	2/16/2022 10:35:22 PM	65540
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 10:35:22 PM	65540
Xylenes, Total	ND	0.096		mg/Kg	1	2/16/2022 10:35:22 PM	65540
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	2/16/2022 10:35:22 PM	65540

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP10-8
Project: White IU Battery
Collection Date: 2/10/2022 9:20:00 AM
Lab ID: 2202644-006 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	410	60		mg/Kg	20	2/19/2022 2:45:53 AM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	2/17/2022 10:10:36 AM	65565
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/17/2022 10:10:36 AM	65565
Surr: DNOP	87.4	51.1-141		%Rec	1	2/17/2022 10:10:36 AM	65565
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 10:58:59 PM	65540
Surr: BFB	112	70-130		%Rec	1	2/16/2022 10:58:59 PM	65540
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 10:58:59 PM	65540
Toluene	ND	0.048		mg/Kg	1	2/16/2022 10:58:59 PM	65540
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 10:58:59 PM	65540
Xylenes, Total	ND	0.096		mg/Kg	1	2/16/2022 10:58:59 PM	65540
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	2/16/2022 10:58:59 PM	65540

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP11-2
Project: White IU Battery
Collection Date: 2/10/2022 10:00:00 AM
Lab ID: 2202644-007 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	2/19/2022 2:58:17 AM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/17/2022 10:21:03 AM	65565
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/17/2022 10:21:03 AM	65565
Surr: DNOP	82.2	51.1-141		%Rec	1	2/17/2022 10:21:03 AM	65565
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 11:22:34 PM	65540
Surr: BFB	112	70-130		%Rec	1	2/16/2022 11:22:34 PM	65540
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 11:22:34 PM	65540
Toluene	ND	0.048		mg/Kg	1	2/16/2022 11:22:34 PM	65540
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 11:22:34 PM	65540
Xylenes, Total	ND	0.096		mg/Kg	1	2/16/2022 11:22:34 PM	65540
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/16/2022 11:22:34 PM	65540

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP11-S
Project: White IU Battery
Collection Date: 2/10/2022 10:05:00 AM
Lab ID: 2202644-008 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	2/19/2022 3:10:41 AM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	2/16/2022 9:44:47 PM	65557
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 9:44:47 PM	65557
Surr: DNOP	113	51.1-141		%Rec	1	2/16/2022 9:44:47 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 10:32:00 AM	65544
Surr: BFB	105	70-130		%Rec	1	2/16/2022 10:32:00 AM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 10:32:00 AM	65544
Toluene	ND	0.048		mg/Kg	1	2/16/2022 10:32:00 AM	65544
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 10:32:00 AM	65544
Xylenes, Total	ND	0.097		mg/Kg	1	2/16/2022 10:32:00 AM	65544
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	2/16/2022 10:32:00 AM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-2
Project: White IU Battery
Collection Date: 2/10/2022 10:15:00 AM
Lab ID: 2202644-009 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	5800	300		mg/Kg	100	2/20/2022 9:09:08 PM	65662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 9:55:24 PM	65557
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 9:55:24 PM	65557
Surr: DNOP	106	51.1-141		%Rec	1	2/16/2022 9:55:24 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 11:32:00 AM	65544
Surr: BFB	104	70-130		%Rec	1	2/16/2022 11:32:00 AM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 11:32:00 AM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 11:32:00 AM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 11:32:00 AM	65544
Xylenes, Total	ND	0.097		mg/Kg	1	2/16/2022 11:32:00 AM	65544
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	2/16/2022 11:32:00 AM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-10
Project: White IU Battery
Collection Date: 2/10/2022 10:35:00 AM
Lab ID: 2202644-010 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	12000	600		mg/Kg	200	2/21/2022 7:51:17 AM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	2/16/2022 10:05:59 PM	65557
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/16/2022 10:05:59 PM	65557
Surr: DNOP	118	51.1-141		%Rec	1	2/16/2022 10:05:59 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 12:31:00 PM	65544
Surr: BFB	105	70-130		%Rec	1	2/16/2022 12:31:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 12:31:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 12:31:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 12:31:00 PM	65544
Xylenes, Total	ND	0.097		mg/Kg	1	2/16/2022 12:31:00 PM	65544
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	2/16/2022 12:31:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-19
Project: White IU Battery
Collection Date: 2/10/2022 11:15:00 AM
Lab ID: 2202644-011 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	5000	150		mg/Kg	50	2/21/2022 8:03:40 AM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	2/16/2022 10:16:38 PM	65557
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	2/16/2022 10:16:38 PM	65557
Surr: DNOP	140	51.1-141		%Rec	1	2/16/2022 10:16:38 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/16/2022 12:51:00 PM	65544
Surr: BFB	102	70-130		%Rec	1	2/16/2022 12:51:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	2/16/2022 12:51:00 PM	65544
Toluene	ND	0.046		mg/Kg	1	2/16/2022 12:51:00 PM	65544
Ethylbenzene	ND	0.046		mg/Kg	1	2/16/2022 12:51:00 PM	65544
Xylenes, Total	ND	0.091		mg/Kg	1	2/16/2022 12:51:00 PM	65544
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	2/16/2022 12:51:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP13-2
Project: White IU Battery
Collection Date: 2/10/2022 11:30:00 AM
Lab ID: 2202644-012 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	310	60		mg/Kg	20	2/20/2022 4:11:17 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 10:27:15 PM	65557
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/16/2022 10:27:15 PM	65557
Surr: DNOP	81.6	51.1-141		%Rec	1	2/16/2022 10:27:15 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 1:11:00 PM	65544
Surr: BFB	99.4	70-130		%Rec	1	2/16/2022 1:11:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/16/2022 1:11:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 1:11:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 1:11:00 PM	65544
Xylenes, Total	ND	0.098		mg/Kg	1	2/16/2022 1:11:00 PM	65544
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	2/16/2022 1:11:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP13-S
Project: White IU Battery
Collection Date: 2/10/2022 11:40:00 AM
Lab ID: 2202644-013 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	2/20/2022 4:23:42 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 10:37:49 PM	65557
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 10:37:49 PM	65557
Surr: DNOP	77.5	51.1-141		%Rec	1	2/16/2022 10:37:49 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**RAA**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/16/2022 1:31:00 PM	65544
Surr: BFB	100	70-130		%Rec	1	2/16/2022 1:31:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst:	**RAA**
Benzene	ND	0.023		mg/Kg	1	2/16/2022 1:31:00 PM	65544
Toluene	ND	0.046		mg/Kg	1	2/16/2022 1:31:00 PM	65544
Ethylbenzene	ND	0.046		mg/Kg	1	2/16/2022 1:31:00 PM	65544
Xylenes, Total	ND	0.092		mg/Kg	1	2/16/2022 1:31:00 PM	65544
Surr: 4-Bromofluorobenzene	81.8	70-130		%Rec	1	2/16/2022 1:31:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP14-2
Project: White IU Battery
Collection Date: 2/10/2022 1:00:00 PM
Lab ID: 2202644-014 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	5200	150		mg/Kg	50	2/21/2022 8:16:05 AM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	2/16/2022 10:48:26 PM	65557
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/16/2022 10:48:26 PM	65557
Surr: DNOP	115	51.1-141		%Rec	1	2/16/2022 10:48:26 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 1:50:00 PM	65544
Surr: BFB	102	70-130		%Rec	1	2/16/2022 1:50:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 1:50:00 PM	65544
Toluene	ND	0.048		mg/Kg	1	2/16/2022 1:50:00 PM	65544
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 1:50:00 PM	65544
Xylenes, Total	ND	0.096		mg/Kg	1	2/16/2022 1:50:00 PM	65544
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	2/16/2022 1:50:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP14-14
Project: White IU Battery
Collection Date: 2/10/2022 1:35:00 PM
Lab ID: 2202644-015 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	5300	300		mg/Kg	100	2/21/2022 8:28:29 AM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	2/16/2022 10:59:01 PM	65557
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/16/2022 10:59:01 PM	65557
Surr: DNOP	96.4	51.1-141		%Rec	1	2/16/2022 10:59:01 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 2:10:00 PM	65544
Surr: BFB	98.5	70-130		%Rec	1	2/16/2022 2:10:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/16/2022 2:10:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 2:10:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 2:10:00 PM	65544
Xylenes, Total	ND	0.098		mg/Kg	1	2/16/2022 2:10:00 PM	65544
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	2/16/2022 2:10:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP14-18
Project: White IU Battery
Collection Date: 2/10/2022 1:50:00 PM
Lab ID: 2202644-016 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	4100	150		mg/Kg	50	2/21/2022 8:40:53 AM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	2/16/2022 11:09:32 PM	65557
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/16/2022 11:09:32 PM	65557
Surr: DNOP	91.5	51.1-141		%Rec	1	2/16/2022 11:09:32 PM	65557
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 2:30:00 PM	65544
Surr: BFB	104	70-130		%Rec	1	2/16/2022 2:30:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 2:30:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 2:30:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 2:30:00 PM	65544
Xylenes, Total	ND	0.098		mg/Kg	1	2/16/2022 2:30:00 PM	65544
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	2/16/2022 2:30:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP15-2
Project: White IU Battery
Collection Date: 2/10/2022 2:05:00 PM
Lab ID: 2202644-017 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	2/20/2022 5:38:08 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/16/2022 3:20:37 PM	65563
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 3:20:37 PM	65563
Surr: DNOP	87.9	51.1-141		%Rec	1	2/16/2022 3:20:37 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**RAA**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 2:50:00 PM	65544
Surr: BFB	102	70-130		%Rec	1	2/16/2022 2:50:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst:	**RAA**
Benzene	ND	0.024		mg/Kg	1	2/16/2022 2:50:00 PM	65544
Toluene	ND	0.048		mg/Kg	1	2/16/2022 2:50:00 PM	65544
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 2:50:00 PM	65544
Xylenes, Total	ND	0.096		mg/Kg	1	2/16/2022 2:50:00 PM	65544
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	2/16/2022 2:50:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP15-S
Project: White IU Battery
Collection Date: 2/10/2022 2:10:00 PM
Lab ID: 2202644-018 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	2/20/2022 5:50:33 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	2/16/2022 3:31:19 PM	65563
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/16/2022 3:31:19 PM	65563
Surr: DNOP	62.6	51.1-141		%Rec	1	2/16/2022 3:31:19 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 4:09:00 PM	65544
Surr: BFB	104	70-130		%Rec	1	2/16/2022 4:09:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 4:09:00 PM	65544
Toluene	ND	0.048		mg/Kg	1	2/16/2022 4:09:00 PM	65544
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 4:09:00 PM	65544
Xylenes, Total	ND	0.095		mg/Kg	1	2/16/2022 4:09:00 PM	65544
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	2/16/2022 4:09:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP16-2
Project: White IU Battery
Collection Date: 2/10/2022 2:30:00 PM
Lab ID: 2202644-019 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	860	60		mg/Kg	20	2/20/2022 6:02:58 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/16/2022 3:42:02 PM	65563
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 3:42:02 PM	65563
Surr: DNOP	85.2	51.1-141		%Rec	1	2/16/2022 3:42:02 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 4:29:00 PM	65544
Surr: BFB	99.0	70-130		%Rec	1	2/16/2022 4:29:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst:	**RAA**
Benzene	ND	0.025		mg/Kg	1	2/16/2022 4:29:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 4:29:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 4:29:00 PM	65544
Xylenes, Total	ND	0.099		mg/Kg	1	2/16/2022 4:29:00 PM	65544
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	2/16/2022 4:29:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP16-4
Project: White IU Battery
Collection Date: 2/10/2022 2:35:00 PM
Lab ID: 2202644-020 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	800	60		mg/Kg	20	2/20/2022 6:15:22 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 3:52:45 PM	65563
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 3:52:45 PM	65563
Surr: DNOP	89.0	51.1-141		%Rec	1	2/16/2022 3:52:45 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	2/16/2022 4:49:00 PM	65544
Surr: BFB	95.5	70-130		%Rec	1	2/16/2022 4:49:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	2/16/2022 4:49:00 PM	65544
Toluene	ND	0.047		mg/Kg	1	2/16/2022 4:49:00 PM	65544
Ethylbenzene	ND	0.047		mg/Kg	1	2/16/2022 4:49:00 PM	65544
Xylenes, Total	ND	0.093		mg/Kg	1	2/16/2022 4:49:00 PM	65544
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	2/16/2022 4:49:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP16-19
Project: White IU Battery
Collection Date: 2/10/2022 3:20:00 PM
Lab ID: 2202644-021 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	770	60		mg/Kg	20	2/20/2022 6:27:47 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	2/16/2022 4:24:10 PM	65563
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 4:24:10 PM	65563
Surr: DNOP	81.5	51.1-141		%Rec	1	2/16/2022 4:24:10 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**RAA**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/16/2022 5:08:00 PM	65544
Surr: BFB	93.5	70-130		%Rec	1	2/16/2022 5:08:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst:	**RAA**
Benzene	ND	0.023		mg/Kg	1	2/16/2022 5:08:00 PM	65544
Toluene	ND	0.046		mg/Kg	1	2/16/2022 5:08:00 PM	65544
Ethylbenzene	ND	0.046		mg/Kg	1	2/16/2022 5:08:00 PM	65544
Xylenes, Total	ND	0.091		mg/Kg	1	2/16/2022 5:08:00 PM	65544
Surr: 4-Bromofluorobenzene	81.2	70-130		%Rec	1	2/16/2022 5:08:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP17-2
Project: White IU Battery
Collection Date: 2/10/2022 3:45:00 PM
Lab ID: 2202644-022 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	2/20/2022 6:40:12 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/16/2022 4:34:51 PM	65563
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 4:34:51 PM	65563
Surr: DNOP	95.2	51.1-141		%Rec	1	2/16/2022 4:34:51 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 5:28:00 PM	65544
Surr: BFB	98.2	70-130		%Rec	1	2/16/2022 5:28:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst:	**RAA**
Benzene	ND	0.025		mg/Kg	1	2/16/2022 5:28:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 5:28:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 5:28:00 PM	65544
Xylenes, Total	ND	0.099		mg/Kg	1	2/16/2022 5:28:00 PM	65544
Surr: 4-Bromofluorobenzene	83.4	70-130		%Rec	1	2/16/2022 5:28:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP17-S
Project: White IU Battery
Collection Date: 2/10/2022 3:50:00 PM
Lab ID: 2202644-023 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	2/20/2022 6:52:37 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/16/2022 4:45:32 PM	65563
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/16/2022 4:45:32 PM	65563
Surr: DNOP	87.0	51.1-141		%Rec	1	2/16/2022 4:45:32 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 5:48:00 PM	65544
Surr: BFB	109	70-130		%Rec	1	2/16/2022 5:48:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst:	**RAA**
Benzene	ND	0.025		mg/Kg	1	2/16/2022 5:48:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 5:48:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 5:48:00 PM	65544
Xylenes, Total	ND	0.098		mg/Kg	1	2/16/2022 5:48:00 PM	65544
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	2/16/2022 5:48:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP16-12
Project: White IU Battery
Collection Date: 2/10/2022 3:00:00 PM
Lab ID: 2202644-024 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	920	60		mg/Kg	20	2/20/2022 7:29:51 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 4:56:15 PM	65563
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/16/2022 4:56:15 PM	65563
Surr: DNOP	88.4	51.1-141		%Rec	1	2/16/2022 4:56:15 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/16/2022 6:08:00 PM	65544
Surr: BFB	103	70-130		%Rec	1	2/16/2022 6:08:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	2/16/2022 6:08:00 PM	65544
Toluene	ND	0.046		mg/Kg	1	2/16/2022 6:08:00 PM	65544
Ethylbenzene	ND	0.046		mg/Kg	1	2/16/2022 6:08:00 PM	65544
Xylenes, Total	ND	0.092		mg/Kg	1	2/16/2022 6:08:00 PM	65544
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	2/16/2022 6:08:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP18-2
Project: White IU Battery
Collection Date: 2/11/2022 7:15:00 AM
Lab ID: 2202644-025 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	2/20/2022 7:42:15 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	2/16/2022 5:06:59 PM	65563
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/16/2022 5:06:59 PM	65563
Surr: DNOP	108	51.1-141		%Rec	1	2/16/2022 5:06:59 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/16/2022 6:28:00 PM	65544
Surr: BFB	102	70-130		%Rec	1	2/16/2022 6:28:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	2/16/2022 6:28:00 PM	65544
Toluene	ND	0.048		mg/Kg	1	2/16/2022 6:28:00 PM	65544
Ethylbenzene	ND	0.048		mg/Kg	1	2/16/2022 6:28:00 PM	65544
Xylenes, Total	ND	0.096		mg/Kg	1	2/16/2022 6:28:00 PM	65544
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	2/16/2022 6:28:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP18-S
Project: White IU Battery
Collection Date: 2/11/2022 7:20:00 AM
Lab ID: 2202644-026 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	2/20/2022 7:54:40 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	2/16/2022 5:17:43 PM	65563
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/16/2022 5:17:43 PM	65563
Surr: DNOP	84.5	51.1-141		%Rec	1	2/16/2022 5:17:43 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/16/2022 6:48:00 PM	65544
Surr: BFB	105	70-130		%Rec	1	2/16/2022 6:48:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst:	**RAA**
Benzene	ND	0.024		mg/Kg	1	2/16/2022 6:48:00 PM	65544
Toluene	ND	0.049		mg/Kg	1	2/16/2022 6:48:00 PM	65544
Ethylbenzene	ND	0.049		mg/Kg	1	2/16/2022 6:48:00 PM	65544
Xylenes, Total	ND	0.097		mg/Kg	1	2/16/2022 6:48:00 PM	65544
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	2/16/2022 6:48:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP19-2
Project: White IU Battery
Collection Date: 2/11/2022 7:30:00 AM
Lab ID: 2202644-027 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	1800	60		mg/Kg	20	2/20/2022 8:07:05 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/16/2022 5:28:26 PM	65563
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/16/2022 5:28:26 PM	65563
Surr: DNOP	76.1	51.1-141		%Rec	1	2/16/2022 5:28:26 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/16/2022 7:08:00 PM	65544
Surr: BFB	102	70-130		%Rec	1	2/16/2022 7:08:00 PM	65544
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	2/16/2022 7:08:00 PM	65544
Toluene	ND	0.050		mg/Kg	1	2/16/2022 7:08:00 PM	65544
Ethylbenzene	ND	0.050		mg/Kg	1	2/16/2022 7:08:00 PM	65544
Xylenes, Total	ND	0.099		mg/Kg	1	2/16/2022 7:08:00 PM	65544
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	2/16/2022 7:08:00 PM	65544

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP19-8
Project: White IU Battery
Collection Date: 2/11/2022 7:50:00 AM
Lab ID: 2202644-028 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	170	60		mg/Kg	20	2/20/2022 8:19:29 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	2/16/2022 5:39:10 PM	65563
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/16/2022 5:39:10 PM	65563
Surr: DNOP	70.0	51.1-141		%Rec	1	2/16/2022 5:39:10 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/17/2022 1:43:57 AM	65558
Surr: BFB	114	70-130		%Rec	1	2/17/2022 1:43:57 AM	65558
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	2/17/2022 1:43:57 AM	65558
Toluene	ND	0.050		mg/Kg	1	2/17/2022 1:43:57 AM	65558
Ethylbenzene	ND	0.050		mg/Kg	1	2/17/2022 1:43:57 AM	65558
Xylenes, Total	ND	0.10		mg/Kg	1	2/17/2022 1:43:57 AM	65558
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/17/2022 1:43:57 AM	65558

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP20-2
Project: White IU Battery
Collection Date: 2/11/2022 8:25:00 AM
Lab ID: 2202644-029 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	190	60		mg/Kg	20	2/20/2022 8:31:53 PM	65663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/16/2022 5:50:01 PM	65563
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/16/2022 5:50:01 PM	65563
Surr: DNOP	67.4	51.1-141		%Rec	1	2/16/2022 5:50:01 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/17/2022 2:54:25 AM	65558
Surr: BFB	109	70-130		%Rec	1	2/17/2022 2:54:25 AM	65558
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	2/17/2022 2:54:25 AM	65558
Toluene	ND	0.048		mg/Kg	1	2/17/2022 2:54:25 AM	65558
Ethylbenzene	ND	0.048		mg/Kg	1	2/17/2022 2:54:25 AM	65558
Xylenes, Total	ND	0.097		mg/Kg	1	2/17/2022 2:54:25 AM	65558
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	2/17/2022 2:54:25 AM	65558

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP20-S
Project: White IU Battery
Collection Date: 2/11/2022 8:30:00 AM
Lab ID: 2202644-030 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	2/20/2022 10:42:09 AM	65667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 6:00:50 PM	65563
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/16/2022 6:00:50 PM	65563
Surr: DNOP	81.3	51.1-141		%Rec	1	2/16/2022 6:00:50 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/17/2022 4:04:40 AM	65558
Surr: BFB	109	70-130		%Rec	1	2/17/2022 4:04:40 AM	65558
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	2/17/2022 4:04:40 AM	65558
Toluene	ND	0.049		mg/Kg	1	2/17/2022 4:04:40 AM	65558
Ethylbenzene	ND	0.049		mg/Kg	1	2/17/2022 4:04:40 AM	65558
Xylenes, Total	ND	0.098		mg/Kg	1	2/17/2022 4:04:40 AM	65558
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	2/17/2022 4:04:40 AM	65558

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Client Sample ID:** TP21-2
Project: White IU Battery **Collection Date:** 2/11/2022 9:30:00 AM
Lab ID: 2202644-031 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	350	60		mg/Kg	20	2/20/2022 11:19:11 AM	65667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/16/2022 6:11:41 PM	65563
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/16/2022 6:11:41 PM	65563
Surr: DNOP	76.3	51.1-141		%Rec	1	2/16/2022 6:11:41 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/17/2022 4:28:05 AM	65558
Surr: BFB	108	70-130		%Rec	1	2/17/2022 4:28:05 AM	65558
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	2/17/2022 4:28:05 AM	65558
Toluene	ND	0.050		mg/Kg	1	2/17/2022 4:28:05 AM	65558
Ethylbenzene	ND	0.050		mg/Kg	1	2/17/2022 4:28:05 AM	65558
Xylenes, Total	ND	0.099		mg/Kg	1	2/17/2022 4:28:05 AM	65558
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	2/17/2022 4:28:05 AM	65558

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP21-S
Project: White IU Battery
Collection Date: 2/11/2022 9:35:00 AM
Lab ID: 2202644-032 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	2/20/2022 11:31:32 AM	65667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	20	9.8		mg/Kg	1	2/16/2022 6:22:29 PM	65563
Motor Oil Range Organics (MRO)	54	49		mg/Kg	1	2/16/2022 6:22:29 PM	65563
Surr: DNOP	120	51.1-141		%Rec	1	2/16/2022 6:22:29 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/17/2022 9:39:06 AM	65558
Surr: BFB	107	70-130		%Rec	1	2/17/2022 9:39:06 AM	65558
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	2/17/2022 9:39:06 AM	65558
Toluene	ND	0.050		mg/Kg	1	2/17/2022 9:39:06 AM	65558
Ethylbenzene	ND	0.050		mg/Kg	1	2/17/2022 9:39:06 AM	65558
Xylenes, Total	ND	0.10		mg/Kg	1	2/17/2022 9:39:06 AM	65558
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	2/17/2022 9:39:06 AM	65558

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

Qualifiers:

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

Analytical Report
Lab Order **2202644**
Date Reported: **2/24/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP22-2
Project: White IU Battery
Collection Date: 2/11/2022 10:00:00 AM
Lab ID: 2202644-033 **Matrix:** SOIL **Received Date:** 2/12/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	880	60		mg/Kg	20	2/20/2022 11:43:52 AM	65667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/18/2022 6:20:58 PM	65563
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/18/2022 6:20:58 PM	65563
Surr: DNOP	117	51.1-141		%Rec	1	2/18/2022 6:20:58 PM	65563
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/17/2022 10:06:21 AM	65558
Surr: BFB	106	70-130		%Rec	1	2/17/2022 10:06:21 AM	65558
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	2/17/2022 10:06:21 AM	65558
Toluene	ND	0.050		mg/Kg	1	2/17/2022 10:06:21 AM	65558
Ethylbenzene	ND	0.050		mg/Kg	1	2/17/2022 10:06:21 AM	65558
Xylenes, Total	ND	0.099		mg/Kg	1	2/17/2022 10:06:21 AM	65558
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	2/17/2022 10:06:21 AM	65558

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**

24-Feb-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **LCS-65662**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **65662**	RunNo: **85951**							
Prep Date: **2/18/2022**	Analysis Date: **2/18/2022**	SeqNo: **3027620**	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			

Sample ID: **MB-65662**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **65662**	RunNo: **85951**							
Prep Date: **2/18/2022**	Analysis Date: **2/18/2022**	SeqNo: **3027621**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **MB-65663**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **65663**	RunNo: **85954**							
Prep Date: **2/18/2022**	Analysis Date: **2/20/2022**	SeqNo: **3027758**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-65663**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **65663**	RunNo: **85954**							
Prep Date: **2/18/2022**	Analysis Date: **2/20/2022**	SeqNo: **3027759**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	90	110			

Sample ID: **MB-65667**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **65667**	RunNo: **85955**							
Prep Date: **2/20/2022**	Analysis Date: **2/20/2022**	SeqNo: **3027809**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-65667**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **65667**	RunNo: **85955**							
Prep Date: **2/20/2022**	Analysis Date: **2/20/2022**	SeqNo: **3027810**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.1	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**

24-Feb-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **2202644-017AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **TP15-2**	Batch ID: **65563**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024719**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.3	46.73	4.980	87.9	39.3	155			
Surr: DNOP	4.0		4.673		85.1	51.1	141			

Sample ID: **2202644-017AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **TP15-2**	Batch ID: **65563**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024720**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	9.8	48.78	4.980	113	39.3	155	26.7	23.4	R
Surr: DNOP	4.2		4.878		85.3	51.1	141	0	0	

Sample ID: **LCS-65557**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **65557**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024742**	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	87.9	68.9	135			
Surr: DNOP	4.1		5.000		82.2	51.1	141			

Sample ID: **LCS-65563**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **65563**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024743**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.2	68.9	135			
Surr: DNOP	4.3		5.000		85.4	51.1	141			

Sample ID: **LCS-65565**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **65565**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024744**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.7	68.9	135			
Surr: DNOP	4.3		5.000		86.8	51.1	141			

Sample ID: **MB-65557**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **65557**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024747**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **MB-65557**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **65557**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024747**	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	9.4		10.00		94.0	51.1	141			

Sample ID: **MB-65563**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **65563**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024748**	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		91.6	51.1	141			

Sample ID: **MB-65565**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **65565**	RunNo: **85892**							
Prep Date: **2/15/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024749**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		101	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **mb-65540**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **65540**	RunNo: **85886**							
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024373**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	70	130			

Sample ID: **lcs-65540**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **65540**	RunNo: **85886**							
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024374**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	78.6	131			
Surr: BFB	1300		1000		126	70	130			

Sample ID: **2202644-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **TP8-14**	Batch ID: **65540**	RunNo: **85886**							
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024389**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.9	24.68	2.583	93.5	70	130			
Surr: BFB	1300		987.2		129	70	130			

Sample ID: **2202644-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **TP8-14**	Batch ID: **65540**	RunNo: **85886**							
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024390**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.15	2.583	90.5	70	130	4.84	20	
Surr: BFB	1200		966.2		126	70	130	0	0	

Sample ID: **mb-65558**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **65558**	RunNo: **85886**							
Prep Date: **2/15/2022**	Analysis Date: **2/17/2022**	SeqNo: **3024397**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	70	130			

Sample ID: **lcs-65558**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **65558**	RunNo: **85886**							
Prep Date: **2/15/2022**	Analysis Date: **2/17/2022**	SeqNo: **3024398**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **lcs-65558** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **65558** RunNo: **85886**
Prep Date: **2/15/2022** Analysis Date: **2/17/2022** SeqNo: **3024398** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.2	78.6	131			
Surr: BFB	1200		1000		122	70	130			

Sample ID: **2202644-028ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP19-8** Batch ID: **65558** RunNo: **85886**
Prep Date: **2/15/2022** Analysis Date: **2/17/2022** SeqNo: **3024400** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	24.88	0	103	70	130			
Surr: BFB	1200		995.0		123	70	130			

Sample ID: **2202644-028amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP19-8** Batch ID: **65558** RunNo: **85886**
Prep Date: **2/15/2022** Analysis Date: **2/17/2022** SeqNo: **3024401** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	24.90	0	103	70	130	0.289	20	
Surr: BFB	1300		996.0		127	70	130	0	0	

Sample ID: **lcs-65544** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **65544** RunNo: **85891**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024529** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	100	78.6	131			
Surr: BFB	1100		1000		113	70	130			

Sample ID: **mb-65544** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **65544** RunNo: **85891**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024530** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	70	130			

Sample ID: **2202644-008ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP11-S** Batch ID: **65544** RunNo: **85891**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024532** Units: **mg/Kg**

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **2202644-008ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP11-S** Batch ID: **65544** RunNo: **85891**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024532** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.9	24.27	0	108	70	130			
Surr: BFB	1200		970.9		121	70	130			

Sample ID: **2202644-008amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP11-S** Batch ID: **65544** RunNo: **85891**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024533** Units: **mg/Kg**

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	4.22	20	
Surr: BFB	1200		984.3		123	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**
24-Feb-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **mb-65540** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **65540** RunNo: **85886**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024421** 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		102	70	130			

Sample ID: **LCS-65540** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **65540** RunNo: **85886**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024422** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.8	80	120			
Toluene	0.96	0.050	1.000	0	96.2	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: **2202644-002ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP8-19** Batch ID: **65540** RunNo: **85886**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024438** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.024	0.9569	0	88.0	80	120			
Toluene	0.89	0.048	0.9569	0	93.4	80	120			
Ethylbenzene	0.91	0.048	0.9569	0	95.3	80	120			
Xylenes, Total	2.8	0.096	2.871	0	96.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9569		107	70	130			

Sample ID: **2202644-002amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP8-19** Batch ID: **65540** RunNo: **85886**
Prep Date: **2/14/2022** Analysis Date: **2/16/2022** SeqNo: **3024439** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.024	0.9597	0	79.8	80	120	9.58	20	S
Toluene	0.81	0.048	0.9597	0	84.6	80	120	9.61	20	
Ethylbenzene	0.84	0.048	0.9597	0	87.4	80	120	8.32	20	
Xylenes, Total	2.6	0.096	2.879	0	89.2	80	120	7.23	20	
Surr: 4-Bromofluorobenzene	1.0		0.9597		106	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**

24-Feb-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **mb-65558**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **65558**	RunNo: **85886**
Prep Date: **2/15/2022**	Analysis Date: **2/17/2022**	SeqNo: **3024445** 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		99.8	70	130			

Sample ID: **LCS-65558**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **65558**	RunNo: **85886**
Prep Date: **2/15/2022**	Analysis Date: **2/17/2022**	SeqNo: **3024446** Units: **mg/Kg**

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	0.95	0.050	1.000	0	94.6	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.6	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		107	70	130			

Sample ID: **2202644-029ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP20-2**	Batch ID: **65558**	RunNo: **85886**
Prep Date: **2/15/2022**	Analysis Date: **2/17/2022**	SeqNo: **3024449** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9872	0	91.4	80	120			
Toluene	0.95	0.049	0.9872	0	96.5	80	120			
Ethylbenzene	0.97	0.049	0.9872	0	97.9	80	120			
Xylenes, Total	2.9	0.099	2.962	0	98.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9872		104	70	130			

Sample ID: **2202644-029amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP20-2**	Batch ID: **65558**	RunNo: **85886**
Prep Date: **2/15/2022**	Analysis Date: **2/17/2022**	SeqNo: **3024450** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	0.9930	0	87.3	80	120	3.99	20	
Toluene	0.91	0.050	0.9930	0	91.9	80	120	4.29	20	
Ethylbenzene	0.93	0.050	0.9930	0	93.3	80	120	4.21	20	
Xylenes, Total	2.8	0.099	2.979	0	93.4	80	120	4.37	20	
Surr: 4-Bromofluorobenzene	1.1		0.9930		106	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202644**

24-Feb-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **lcs-65544**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **65544**	RunNo: **85891**
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024587** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.2	80	120			
Toluene	0.98	0.050	1.000	0	97.8	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.2	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.1	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

Sample ID: **mb-65544**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **65544**	RunNo: **85891**
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024588** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.7	70	130			

Sample ID: **2202644-009ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP12-2**	Batch ID: **65544**	RunNo: **85891**
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024591** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.024	0.9551	0	95.3	80	120			
Toluene	0.96	0.048	0.9551	0	101	80	120			
Ethylbenzene	0.98	0.048	0.9551	0	103	80	120			
Xylenes, Total	2.9	0.096	2.865	0	103	80	120			
Surr: 4-Bromofluorobenzene	0.83		0.9551		86.6	70	130			

Sample ID: **2202644-009amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP12-2**	Batch ID: **65544**	RunNo: **85891**
Prep Date: **2/14/2022**	Analysis Date: **2/16/2022**	SeqNo: **3024592** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9506	0	99.6	80	120	3.90	20	
Toluene	0.97	0.048	0.9506	0	102	80	120	1.05	20	
Ethylbenzene	0.98	0.048	0.9506	0	103	80	120	0.332	20	
Xylenes, Total	2.9	0.095	2.852	0	103	80	120	0.108	20	
Surr: 4-Bromofluorobenzene	0.83		0.9506		87.5	70	130	0	0	

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: GHD Midland | Work Order Number: 2202644 | RcptNo: 1

Received By: Isaiah Ortiz 2/12/2022 8:55:00 AM

Completed By: Tracy Casarrubias 2/14/2022 8:23:17 AM

Reviewed By:

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐ # of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody? 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:

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks: Called and confirmed that COC ~~on~~ names were accurate and to go ahead and dispose of the extra sample that wasn't on the COC. - TMC 2/15/22

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good	Yes			

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:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush 5-Day

Project Name: White Ice Battery

Project #: 1574107

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 2.4°C ±0°

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2202644	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
02/02/22	0750	S	TP8-14	Jar		001											
	0830		TP8-19			002											
	0845		TP9-2			003											
	0850		TP9-5			004											
	0900		TP10-2			005											
	0920		TP10-8			006											
	1000		TP11-2			007											
	1005		TP11-5			008											
	1015		TP12-2			009											
	1035		TP12-10			010											
	1115		TP12-19			011											
	1130		TP13-2			012											

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
2/11/22	0800	Zach Comino				
2/11/22	1700				2/11/22	800
		Relinquished by:	Received by:	Via:	Date	Time
				courier	2/12/22	0855

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.

Direct Bill to EOG Chase Settle

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.

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:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush 5-Day

Project Name: White IH Battery

Project #: 12574107

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(Including CF): 2.4°C ±0

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
2/1/22	1140	S	TP13-S	Jar		013	X	X									X
	1300		TP14-2			014											
	1335		TP14-14			015											
	1350		TP14-18			016											
	1405		TP15-2			017											
	1410		TP15-S			018											
	1430		TP16-2			019											
	1435		TP16-4			020											
	1520		TP16-19			021											
	1545		TP17-2			022											
	1550		TP17-S			~~029~~ 023											
	1500		TP16-12			024											

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
2/11/22	0800	Zach Comino			2/11/22	800
2/11/22	1900			courier	2/12/22	10
					2/14/22	
				courier	2/22/22	0855

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.
Direct Bill to EOG Chase Settle

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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:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush 5-Da

Project Name: White Ill Battery

Project #: 125741.07

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 7.4°+0°

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2/11/22	0715	S	TP18-2	Jar		025
	0720		TP18-S			026
	0730		TP19-2			027
	0750		TP19-S			028
	0825		TP20-2			029
	0830		TP20-S			030
	0840		TP21-2			031
	0855		TP21-S			032
↓	0900	↓	TP22-2	↓		033
	[redacted]		[redacted]			

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride 300.0
X	X									X
↓	↓									↓
↓	↓									↓

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
2/11/22	0800	Zach Comino	[signature]		2/11/22	900
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
		[signature]	[signature]	courier	2/12/22	0855

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above.

Direct Bill to EOG Chase Settle

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.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 15, 2022

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

RE: White IU Battery OrderNo.: 2204289

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 13 sample(s) on 4/7/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

CLIENT: GHD Midland
Project: White IU Battery
Lab ID: 2204289-001 **Matrix:** SOIL

Client Sample ID: TP12-5
Collection Date: 4/5/2022 10:15:00 AM
Received Date: 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	16000	610		mg/Kg	200	4/13/2022 5:58:24 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/8/2022 6:30:54 PM	66715
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/8/2022 6:30:54 PM	66715
Surr: DNOP	89.2	51.1-141		%Rec	1	4/8/2022 6:30:54 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/9/2022 1:53:27 AM	66697
Surr: BFB	94.5	37.7-212		%Rec	1	4/9/2022 1:53:27 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/9/2022 1:53:27 AM	66697
Toluene	ND	0.047		mg/Kg	1	4/9/2022 1:53:27 AM	66697
Ethylbenzene	ND	0.047		mg/Kg	1	4/9/2022 1:53:27 AM	66697
Xylenes, Total	ND	0.095		mg/Kg	1	4/9/2022 1:53:27 AM	66697
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	4/9/2022 1:53:27 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-6
Project: White IU Battery
Collection Date: 4/5/2022 10:20:00 AM
Lab ID: 2204289-002 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	11000	600		mg/Kg	200	4/13/2022 6:10:45 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/8/2022 6:41:46 PM	66715
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/8/2022 6:41:46 PM	66715
Surr: DNOP	95.0	51.1-141		%Rec	1	4/8/2022 6:41:46 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/9/2022 2:16:55 AM	66697
Surr: BFB	96.8	37.7-212		%Rec	1	4/9/2022 2:16:55 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/9/2022 2:16:55 AM	66697
Toluene	ND	0.048		mg/Kg	1	4/9/2022 2:16:55 AM	66697
Ethylbenzene	ND	0.048		mg/Kg	1	4/9/2022 2:16:55 AM	66697
Xylenes, Total	ND	0.096		mg/Kg	1	4/9/2022 2:16:55 AM	66697
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	4/9/2022 2:16:55 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-7
Project: White IU Battery
Collection Date: 4/5/2022 10:25:00 AM
Lab ID: 2204289-003 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	11000	600		mg/Kg	200	4/13/2022 6:23:06 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/8/2022 6:52:38 PM	66715
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/8/2022 6:52:38 PM	66715
Surr: DNOP	87.3	51.1-141		%Rec	1	4/8/2022 6:52:38 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/9/2022 2:40:12 AM	66697
Surr: BFB	95.7	37.7-212		%Rec	1	4/9/2022 2:40:12 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	4/9/2022 2:40:12 AM	66697
Toluene	ND	0.049		mg/Kg	1	4/9/2022 2:40:12 AM	66697
Ethylbenzene	ND	0.049		mg/Kg	1	4/9/2022 2:40:12 AM	66697
Xylenes, Total	ND	0.099		mg/Kg	1	4/9/2022 2:40:12 AM	66697
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	4/9/2022 2:40:12 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-8
Project: White IU Battery
Collection Date: 4/5/2022 10:30:00 AM
Lab ID: 2204289-004 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	11000	600		mg/Kg	200	4/15/2022 12:35:16 AM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/8/2022 7:03:29 PM	66715
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/8/2022 7:03:29 PM	66715
Surr: DNOP	102	51.1-141		%Rec	1	4/8/2022 7:03:29 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/9/2022 3:03:43 AM	66697
Surr: BFB	95.2	37.7-212		%Rec	1	4/9/2022 3:03:43 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	4/9/2022 3:03:43 AM	66697
Toluene	ND	0.047		mg/Kg	1	4/9/2022 3:03:43 AM	66697
Ethylbenzene	ND	0.047		mg/Kg	1	4/9/2022 3:03:43 AM	66697
Xylenes, Total	ND	0.093		mg/Kg	1	4/9/2022 3:03:43 AM	66697
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	4/9/2022 3:03:43 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-9
Project: White IU Battery
Collection Date: 4/5/2022 10:35:00 AM
Lab ID: 2204289-005 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	14000	600		mg/Kg	200	4/13/2022 7:12:29 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/8/2022 7:14:19 PM	66715
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/8/2022 7:14:19 PM	66715
Surr: DNOP	90.8	51.1-141		%Rec	1	4/8/2022 7:14:19 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/9/2022 3:27:16 AM	66697
Surr: BFB	94.8	37.7-212		%Rec	1	4/9/2022 3:27:16 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	4/9/2022 3:27:16 AM	66697
Toluene	ND	0.046		mg/Kg	1	4/9/2022 3:27:16 AM	66697
Ethylbenzene	ND	0.046		mg/Kg	1	4/9/2022 3:27:16 AM	66697
Xylenes, Total	ND	0.092		mg/Kg	1	4/9/2022 3:27:16 AM	66697
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	4/9/2022 3:27:16 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-11
Project: White IU Battery
Collection Date: 4/5/2022 10:50:00 AM
Lab ID: 2204289-006 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	13000	600		mg/Kg	200	4/13/2022 7:24:50 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	12	9.8		mg/Kg	1	4/8/2022 7:25:08 PM	66715
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/8/2022 7:25:08 PM	66715
Surr: DNOP	93.6	51.1-141		%Rec	1	4/8/2022 7:25:08 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/9/2022 3:50:37 AM	66697
Surr: BFB	95.5	37.7-212		%Rec	1	4/9/2022 3:50:37 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/9/2022 3:50:37 AM	66697
Toluene	ND	0.047		mg/Kg	1	4/9/2022 3:50:37 AM	66697
Ethylbenzene	ND	0.047		mg/Kg	1	4/9/2022 3:50:37 AM	66697
Xylenes, Total	ND	0.095		mg/Kg	1	4/9/2022 3:50:37 AM	66697
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	4/9/2022 3:50:37 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-12
Project: White IU Battery
Collection Date: 4/5/2022 10:55:00 AM
Lab ID: 2204289-007 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	8600	600		mg/Kg	200	4/13/2022 7:37:10 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/8/2022 7:35:58 PM	66715
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/8/2022 7:35:58 PM	66715
Surr: DNOP	92.3	51.1-141		%Rec	1	4/8/2022 7:35:58 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/9/2022 4:14:09 AM	66697
Surr: BFB	95.0	37.7-212		%Rec	1	4/9/2022 4:14:09 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/9/2022 4:14:09 AM	66697
Toluene	ND	0.048		mg/Kg	1	4/9/2022 4:14:09 AM	66697
Ethylbenzene	ND	0.048		mg/Kg	1	4/9/2022 4:14:09 AM	66697
Xylenes, Total	ND	0.097		mg/Kg	1	4/9/2022 4:14:09 AM	66697
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	4/9/2022 4:14:09 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-13
Project: White IU Battery
Collection Date: 4/5/2022 11:00:00 AM
Lab ID: 2204289-008 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	9200	600		mg/Kg	200	4/13/2022 7:49:31 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/8/2022 7:46:46 PM	66715
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/8/2022 7:46:46 PM	66715
Surr: DNOP	92.5	51.1-141		%Rec	1	4/8/2022 7:46:46 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/9/2022 4:37:32 AM	66697
Surr: BFB	96.4	37.7-212		%Rec	1	4/9/2022 4:37:32 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	4/9/2022 4:37:32 AM	66697
Toluene	ND	0.047		mg/Kg	1	4/9/2022 4:37:32 AM	66697
Ethylbenzene	ND	0.047		mg/Kg	1	4/9/2022 4:37:32 AM	66697
Xylenes, Total	ND	0.094		mg/Kg	1	4/9/2022 4:37:32 AM	66697
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	4/9/2022 4:37:32 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-14
Project: White IU Battery
Collection Date: 4/5/2022 11:05:00 AM
Lab ID: 2204289-009 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	10000	600		mg/Kg	200	4/13/2022 8:01:52 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/8/2022 7:57:32 PM	66715
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/8/2022 7:57:32 PM	66715
Surr: DNOP	82.4	51.1-141		%Rec	1	4/8/2022 7:57:32 PM	66715
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/9/2022 5:00:58 AM	66697
Surr: BFB	96.0	37.7-212		%Rec	1	4/9/2022 5:00:58 AM	66697
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/9/2022 5:00:58 AM	66697
Toluene	ND	0.048		mg/Kg	1	4/9/2022 5:00:58 AM	66697
Ethylbenzene	ND	0.048		mg/Kg	1	4/9/2022 5:00:58 AM	66697
Xylenes, Total	ND	0.096		mg/Kg	1	4/9/2022 5:00:58 AM	66697
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	4/9/2022 5:00:58 AM	66697

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-15
Project: White IU Battery
Collection Date: 4/5/2022 11:40:00 AM
Lab ID: 2204289-010 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	12000	600		mg/Kg	200	4/13/2022 8:14:11 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/11/2022 12:23:18 PM	66742
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/11/2022 12:23:18 PM	66742
Surr: DNOP	92.4	51.1-141		%Rec	1	4/11/2022 12:23:18 PM	66742
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/11/2022 9:54:31 AM	66738
Surr: BFB	97.8	37.7-212		%Rec	1	4/11/2022 9:54:31 AM	66738
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	4/11/2022 9:54:31 AM	66738
Toluene	ND	0.050		mg/Kg	1	4/11/2022 9:54:31 AM	66738
Ethylbenzene	ND	0.050		mg/Kg	1	4/11/2022 9:54:31 AM	66738
Xylenes, Total	ND	0.099		mg/Kg	1	4/11/2022 9:54:31 AM	66738
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	4/11/2022 9:54:31 AM	66738

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-16
Project: White IU Battery
Collection Date: 4/5/2022 11:45:00 AM
Lab ID: 2204289-011 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	9600	590		mg/Kg	200	4/13/2022 8:26:32 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/11/2022 1:36:21 PM	66742
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/11/2022 1:36:21 PM	66742
Surr: DNOP	88.2	51.1-141		%Rec	1	4/11/2022 1:36:21 PM	66742
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2022 11:04:56 AM	66738
Surr: BFB	99.9	37.7-212		%Rec	1	4/11/2022 11:04:56 AM	66738
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/11/2022 11:04:56 AM	66738
Toluene	ND	0.049		mg/Kg	1	4/11/2022 11:04:56 AM	66738
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2022 11:04:56 AM	66738
Xylenes, Total	ND	0.097		mg/Kg	1	4/11/2022 11:04:56 AM	66738
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/11/2022 11:04:56 AM	66738

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-17
Project: White IU Battery
Collection Date: 4/5/2022 11:50:00 AM
Lab ID: 2204289-012 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	7100	300		mg/Kg	100	4/13/2022 8:38:52 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/11/2022 2:00:46 PM	66742
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/11/2022 2:00:46 PM	66742
Surr: DNOP	87.7	51.1-141		%Rec	1	4/11/2022 2:00:46 PM	66742
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/11/2022 12:15:36 PM	66738
Surr: BFB	96.6	37.7-212		%Rec	1	4/11/2022 12:15:36 PM	66738
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/11/2022 12:15:36 PM	66738
Toluene	ND	0.048		mg/Kg	1	4/11/2022 12:15:36 PM	66738
Ethylbenzene	ND	0.048		mg/Kg	1	4/11/2022 12:15:36 PM	66738
Xylenes, Total	ND	0.095		mg/Kg	1	4/11/2022 12:15:36 PM	66738
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/11/2022 12:15:36 PM	66738

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

Qualifiers:

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

Analytical Report
Lab Order **2204289**
Date Reported: **4/15/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP12-18
Project: White IU Battery
Collection Date: 4/5/2022 11:55:00 AM
Lab ID: 2204289-013 **Matrix:** SOIL **Received Date:** 4/7/2022 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	5800	300		mg/Kg	100	4/13/2022 8:51:12 PM	66808
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/11/2022 2:25:23 PM	66742
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/11/2022 2:25:23 PM	66742
Surr: DNOP	67.8	51.1-141		%Rec	1	4/11/2022 2:25:23 PM	66742
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2022 12:39:15 PM	66738
Surr: BFB	96.2	37.7-212		%Rec	1	4/11/2022 12:39:15 PM	66738
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/11/2022 12:39:15 PM	66738
Toluene	ND	0.049		mg/Kg	1	4/11/2022 12:39:15 PM	66738
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2022 12:39:15 PM	66738
Xylenes, Total	ND	0.098		mg/Kg	1	4/11/2022 12:39:15 PM	66738
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	4/11/2022 12:39:15 PM	66738

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204289**

15-Apr-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **MB-66808**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **66808**	RunNo: **87208**							
Prep Date: **4/12/2022**	Analysis Date: **4/12/2022**	SeqNo: **3083651**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-66808**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **66808**	RunNo: **87208**							
Prep Date: **4/12/2022**	Analysis Date: **4/12/2022**	SeqNo: **3083652**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.8	90	110			

Qualifiers:

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

WO#: **2204289**

15-Apr-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **MB-66715**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **66715**	RunNo: **87125**							
Prep Date: **4/7/2022**	Analysis Date: **4/8/2022**	SeqNo: **3080356**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		110	51.1	141			

Sample ID: **LCS-66715**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **66715**	RunNo: **87125**							
Prep Date: **4/7/2022**	Analysis Date: **4/8/2022**	SeqNo: **3080358**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.9	68.9	135			
Surr: DNOP	4.7		5.000		93.1	51.1	141			

Sample ID: **2204289-010AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **TP12-15**	Batch ID: **66742**	RunNo: **87160**							
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081772**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.3	46.38	0	91.7	36.1	154			
Surr: DNOP	4.1		4.638		88.9	51.1	141			

Sample ID: **2204289-010AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **TP12-15**	Batch ID: **66742**	RunNo: **87160**							
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081773**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.8	48.92	0	90.3	36.1	154	3.82	33.9	
Surr: DNOP	4.2		4.892		85.2	51.1	141	0	0	

Sample ID: **LCS-66742**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **66742**	RunNo: **87160**							
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081816**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.0	68.9	135			
Surr: DNOP	4.3		5.000		86.1	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2204289**
15-Apr-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **MB-66742**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **66742**	RunNo: **87160**
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081819** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		85.8	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2204289**
15-Apr-22

Client: GHD Midland
Project: White IU Battery

Sample ID: **mb-66697**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **66697**	RunNo: **87123**							
Prep Date: **4/7/2022**	Analysis Date: **4/8/2022**	SeqNo: **3080198**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		95.5	37.7	212			

Sample ID: **lcs-66697**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **66697**	RunNo: **87123**							
Prep Date: **4/7/2022**	Analysis Date: **4/8/2022**	SeqNo: **3080199**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	72.3	137			
Surr: BFB	2100		1000		210	37.7	212			

Sample ID: **mb-66738**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **66738**	RunNo: **87148**							
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081392**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.8	37.7	212			

Sample ID: **lcs-66738**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **66738**	RunNo: **87148**							
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081393**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	72.3	137			
Surr: BFB	2100		1000		207	37.7	212			

Sample ID: **2204289-010ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **TP12-15**	Batch ID: **66738**	RunNo: **87148**							
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081395**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.9	24.44	0	96.2	70	130			
Surr: BFB	2000		977.5		202	37.7	212			

Sample ID: **2204289-010amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **TP12-15**	Batch ID: **66738**	RunNo: **87148**							
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081396**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204289**

15-Apr-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **2204289-010amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **TP12-15** Batch ID: **66738** RunNo: **87148**

Prep Date: **4/8/2022** Analysis Date: **4/11/2022** SeqNo: **3081396** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.9	24.49	0	99.1	70	130	3.15	20	
Surr: BFB	2000		979.4		204	37.7	212	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204289**

15-Apr-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **mb-66697**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **66697**	RunNo: **87123**
Prep Date: **4/7/2022**	Analysis Date: **4/8/2022**	SeqNo: **3080241** 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: **LCS-66697**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **66697**	RunNo: **87123**
Prep Date: **4/7/2022**	Analysis Date: **4/8/2022**	SeqNo: **3080242** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.4	80	120			
Toluene	0.93	0.050	1.000	0	92.9	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: **mb-66738**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **66738**	RunNo: **87148**
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081430** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	70	130			

Sample ID: **LCS-66738**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **66738**	RunNo: **87148**
Prep Date: **4/8/2022**	Analysis Date: **4/11/2022**	SeqNo: **3081431** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.3	80	120			
Toluene	0.89	0.050	1.000	0	89.2	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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

WO#: **2204289**

15-Apr-22

Client: GHD Midland

Project: White IU Battery

Sample ID: **2204289-011ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **TP12-16** Batch ID: **66738** RunNo: **87148**

Prep Date: **4/8/2022** Analysis Date: **4/11/2022** SeqNo: **3081434** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.024	0.9588	0	85.9	68.8	120			
Toluene	0.86	0.048	0.9588	0	89.2	73.6	124			
Ethylbenzene	0.87	0.048	0.9588	0	90.9	72.7	129			
Xylenes, Total	2.6	0.096	2.876	0	91.8	75.7	126			
Surr: 4-Bromofluorobenzene	1.0		0.9588		105	70	130			

Sample ID: **2204289-011amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **TP12-16** Batch ID: **66738** RunNo: **87148**

Prep Date: **4/8/2022** Analysis Date: **4/11/2022** SeqNo: **3081435** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.024	0.9653	0	86.3	68.8	120	1.14	20	
Toluene	0.86	0.048	0.9653	0	89.0	73.6	124	0.415	20	
Ethylbenzene	0.88	0.048	0.9653	0	91.5	72.7	129	1.33	20	
Xylenes, Total	2.7	0.097	2.896	0	92.7	75.7	126	1.57	20	
Surr: 4-Bromofluorobenzene	1.0		0.9653		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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **GHD Midland** Work Order Number: **2204289** RcptNo: **1**

Received By: **Juan Rojas** **4/7/2022 8:10:00 AM**

Completed By: **Desiree Dominguez** **4/7/2022 8:45:06 AM**

Reviewed By: JN 4/7/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☑ NA ☐
   Samples not frozen
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
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 ☐

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: KPG 4-7-2022

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-0.1	Good				

Chain-of-Custody Record

Client: GHD

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☒ Rush 5 day

Project Name: White Ill Battery

Project #: 12574107

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): -0.4+0.3 = -0.1c

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204289	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
03022	1015	S	TP12-5	Jar		-001	X	X									X
	1020		TP12-6			-002											
	1025		TP12-7			-003											
	1030		TP12-8			-004											
	1035		TP12-9			-005											
	1050		TP12-11			-006											
	1055		TP12-12			-007											
	1100		TP12-13			-008											
	1105		TP12-14			-009											
	1140		TP12-15			-010											
	1145		TP12-16			-011											
↓	1150	↓	TP12-17			-012	↓	↓									↓

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
04/06/22	0800	Zach Comino	ACuming		4/6/22	800
4/6/22	1900	ACuming				
				courier	4/7/22	8:10

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.

~~Direct Bill to EOG Chase Settle~~

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.

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:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush 5 day

Project Name: White Tail Battery

Project #: 125741.07

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): -0.4+0.3 = -0.1°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204289	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
04/02/22	1155	S	TP12-18	Jar		-013	X	X									X

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
04/04/22	0800	Zach Comino	[signature]		4/6/22	800
4/6/22	1900	[signature]	[signature]	courier	4/7/22	810

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.

~~Direct Bill to EOG Chase Settle~~

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.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

May 05, 2022

Becky Haskell
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: White IU OrderNo.: 2204A30

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 32 sample(s) on 4/23/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

CLIENT: EOG
Client Sample ID: SB-1 (20')
Project: White IU
Collection Date: 4/21/2022 11:45:00 AM
Lab ID: 2204A30-001 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	240	60		mg/Kg	20	4/26/2022 10:36:18 PM	67067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	4900	99		mg/Kg	10	4/27/2022 10:30:21 AM	67057
Motor Oil Range Organics (MRO)	1800	500		mg/Kg	10	4/27/2022 10:30:21 AM	67057
Surr: DNOP	0	51.1-141	S	%Rec	10	4/27/2022 10:30:21 AM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	410	24		mg/Kg	5	4/26/2022 9:00:25 AM	67047
Surr: BFB	645	37.7-212	S	%Rec	5	4/26/2022 9:00:25 AM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.15	0.12		mg/Kg	5	4/26/2022 9:00:25 AM	67047
Toluene	2.5	0.24		mg/Kg	5	4/26/2022 9:00:25 AM	67047
Ethylbenzene	26	2.4		mg/Kg	50	4/26/2022 9:07:42 PM	67047
Xylenes, Total	29	0.48		mg/Kg	5	4/26/2022 9:00:25 AM	67047
Surr: 4-Bromofluorobenzene	205	70-130	S	%Rec	5	4/26/2022 9:00:25 AM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (25')
Project: White IU
Collection Date: 4/21/2022 12:00:00 PM
Lab ID: 2204A30-002 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	3200	150		mg/Kg	50	4/27/2022 10:14:16 AM	67067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	960	20		mg/Kg	2	4/27/2022 3:34:54 PM	67057
Motor Oil Range Organics (MRO)	270	98		mg/Kg	2	4/27/2022 3:34:54 PM	67057
Surr: DNOP	102	51.1-141		%Rec	2	4/27/2022 3:34:54 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	90	24		mg/Kg	5	4/26/2022 9:24:04 AM	67047
Surr: BFB	206	37.7-212		%Rec	5	4/26/2022 9:24:04 AM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.28	0.12		mg/Kg	5	4/26/2022 9:24:04 AM	67047
Toluene	ND	0.24		mg/Kg	5	4/26/2022 9:24:04 AM	67047
Ethylbenzene	5.3	0.24		mg/Kg	5	4/26/2022 9:24:04 AM	67047
Xylenes, Total	4.5	0.47		mg/Kg	5	4/26/2022 9:24:04 AM	67047
Surr: 4-Bromofluorobenzene	120	70-130		%Rec	5	4/26/2022 9:24:04 AM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (30')
Project: White IU
Collection Date: 4/21/2022 12:15:00 PM
Lab ID: 2204A30-003 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	3700	150		mg/Kg	50	4/27/2022 10:26:40 AM	67067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	400	10		mg/Kg	1	4/27/2022 11:46:07 AM	67057
Motor Oil Range Organics (MRO)	140	50		mg/Kg	1	4/27/2022 11:46:07 AM	67057
Surr: DNOP	95.1	51.1-141		%Rec	1	4/27/2022 11:46:07 AM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	140	24		mg/Kg	5	4/26/2022 9:47:40 AM	67047
Surr: BFB	262	37.7-212	S	%Rec	5	4/26/2022 9:47:40 AM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.12		mg/Kg	5	4/26/2022 9:47:40 AM	67047
Toluene	1.3	0.24		mg/Kg	5	4/26/2022 9:47:40 AM	67047
Ethylbenzene	5.6	0.24		mg/Kg	5	4/26/2022 9:47:40 AM	67047
Xylenes, Total	5.8	0.49		mg/Kg	5	4/26/2022 9:47:40 AM	67047
Surr: 4-Bromofluorobenzene	126	70-130		%Rec	5	4/26/2022 9:47:40 AM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (35')
Project: White IU
Collection Date: 4/21/2022 12:30:00 PM
Lab ID: 2204A30-004 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	6200	300		mg/Kg	100	4/27/2022 12:43:09 PM	67067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	620	9.7		mg/Kg	1	4/27/2022 12:07:43 PM	67057
Motor Oil Range Organics (MRO)	190	49		mg/Kg	1	4/27/2022 12:07:43 PM	67057
Surr: DNOP	96.2	51.1-141		%Rec	1	4/27/2022 12:07:43 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	160	25		mg/Kg	5	4/26/2022 10:11:06 AM	67047
Surr: BFB	263	37.7-212	S	%Rec	5	4/26/2022 10:11:06 AM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.46	0.12		mg/Kg	5	4/26/2022 10:11:06 AM	67047
Toluene	3.5	0.25		mg/Kg	5	4/26/2022 10:11:06 AM	67047
Ethylbenzene	7.1	0.25		mg/Kg	5	4/26/2022 10:11:06 AM	67047
Xylenes, Total	6.9	0.49		mg/Kg	5	4/26/2022 10:11:06 AM	67047
Surr: 4-Bromofluorobenzene	128	70-130		%Rec	5	4/26/2022 10:11:06 AM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (40')
Project: White IU
Collection Date: 4/21/2022 12:45:00 PM
Lab ID: 2204A30-005 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	6800	300		mg/Kg	100	4/27/2022 10:51:29 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	330	9.6		mg/Kg	1	4/27/2022 12:29:18 PM	67057
Motor Oil Range Organics (MRO)	150	48		mg/Kg	1	4/27/2022 12:29:18 PM	67057
Surr: DNOP	92.7	51.1-141		%Rec	1	4/27/2022 12:29:18 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	4/26/2022 10:34:30 AM	67047
Surr: BFB	110	37.7-212		%Rec	5	4/26/2022 10:34:30 AM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.12		mg/Kg	5	4/26/2022 10:34:30 AM	67047
Toluene	ND	0.24		mg/Kg	5	4/26/2022 10:34:30 AM	67047
Ethylbenzene	ND	0.24		mg/Kg	5	4/26/2022 10:34:30 AM	67047
Xylenes, Total	ND	0.49		mg/Kg	5	4/26/2022 10:34:30 AM	67047
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5	4/26/2022 10:34:30 AM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (45')
Project: White IU
Collection Date: 4/21/2022 1:00:00 PM
Lab ID: 2204A30-006 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2100	150		mg/Kg	50	4/27/2022 11:03:53 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	1300	95		mg/Kg	10	4/27/2022 12:50:51 PM	67057
Motor Oil Range Organics (MRO)	690	470		mg/Kg	10	4/27/2022 12:50:51 PM	67057
Surr: DNOP	0	51.1-141	S	%Rec	10	4/27/2022 12:50:51 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	84	24		mg/Kg	5	4/26/2022 10:57:57 AM	67047
Surr: BFB	269	37.7-212	S	%Rec	5	4/26/2022 10:57:57 AM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.12		mg/Kg	5	4/26/2022 10:57:57 AM	67047
Toluene	ND	0.24		mg/Kg	5	4/26/2022 10:57:57 AM	67047
Ethylbenzene	2.1	0.24		mg/Kg	5	4/26/2022 10:57:57 AM	67047
Xylenes, Total	1.8	0.49		mg/Kg	5	4/26/2022 10:57:57 AM	67047
Surr: 4-Bromofluorobenzene	123	70-130		%Rec	5	4/26/2022 10:57:57 AM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (50')
Project: White IU
Collection Date: 4/21/2022 1:15:00 PM
Lab ID: 2204A30-007 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2900	150		mg/Kg	50	4/27/2022 11:16:17 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/27/2022 1:01:44 PM	67057
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/27/2022 1:01:44 PM	67057
Surr: DNOP	93.6	51.1-141		%Rec	1	4/27/2022 1:01:44 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/26/2022 12:55:09 PM	67047
Surr: BFB	102	37.7-212		%Rec	1	4/26/2022 12:55:09 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	4/26/2022 12:55:09 PM	67047
Toluene	ND	0.047		mg/Kg	1	4/26/2022 12:55:09 PM	67047
Ethylbenzene	ND	0.047		mg/Kg	1	4/26/2022 12:55:09 PM	67047
Xylenes, Total	ND	0.094		mg/Kg	1	4/26/2022 12:55:09 PM	67047
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/26/2022 12:55:09 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (55')
Project: White IU
Collection Date: 4/21/2022 1:30:00 PM
Lab ID: 2204A30-008 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	6900	300		mg/Kg	100	4/27/2022 11:53:31 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/27/2022 1:12:32 PM	67057
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/27/2022 1:12:32 PM	67057
Surr: DNOP	85.7	51.1-141		%Rec	1	4/27/2022 1:12:32 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 1:18:36 PM	67047
Surr: BFB	101	37.7-212		%Rec	1	4/26/2022 1:18:36 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 1:18:36 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 1:18:36 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 1:18:36 PM	67047
Xylenes, Total	ND	0.096		mg/Kg	1	4/26/2022 1:18:36 PM	67047
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/26/2022 1:18:36 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (60')
Project: White IU
Collection Date: 4/21/2022 1:45:00 PM
Lab ID: 2204A30-009 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2500	150		mg/Kg	50	4/27/2022 12:05:56 PM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/27/2022 1:23:22 PM	67057
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/27/2022 1:23:22 PM	67057
Surr: DNOP	92.1	51.1-141		%Rec	1	4/27/2022 1:23:22 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 1:42:17 PM	67047
Surr: BFB	98.0	37.7-212		%Rec	1	4/26/2022 1:42:17 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 1:42:17 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 1:42:17 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 1:42:17 PM	67047
Xylenes, Total	ND	0.095		mg/Kg	1	4/26/2022 1:42:17 PM	67047
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	4/26/2022 1:42:17 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (70')
Project: White IU
Collection Date: 4/21/2022 2:00:00 PM
Lab ID: 2204A30-010 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	69	60		mg/Kg	20	4/26/2022 11:02:51 PM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/27/2022 1:34:11 PM	67057
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 1:34:11 PM	67057
Surr: DNOP	90.2	51.1-141		%Rec	1	4/27/2022 1:34:11 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 2:05:36 PM	67047
Surr: BFB	98.9	37.7-212		%Rec	1	4/26/2022 2:05:36 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	4/26/2022 2:05:36 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 2:05:36 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 2:05:36 PM	67047
Xylenes, Total	ND	0.096		mg/Kg	1	4/26/2022 2:05:36 PM	67047
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/26/2022 2:05:36 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-1 (75')
Project: White IU
Collection Date: 4/21/2022 2:10:00 PM
Lab ID: 2204A30-011 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	4/26/2022 11:40:04 PM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/27/2022 1:44:59 PM	67057
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/27/2022 1:44:59 PM	67057
Surr: DNOP	92.8	51.1-141		%Rec	1	4/27/2022 1:44:59 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/26/2022 3:16:02 PM	67047
Surr: BFB	99.9	37.7-212		%Rec	1	4/26/2022 3:16:02 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 3:16:02 PM	67047
Toluene	ND	0.049		mg/Kg	1	4/26/2022 3:16:02 PM	67047
Ethylbenzene	ND	0.049		mg/Kg	1	4/26/2022 3:16:02 PM	67047
Xylenes, Total	ND	0.098		mg/Kg	1	4/26/2022 3:16:02 PM	67047
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	4/26/2022 3:16:02 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (20')
Project: White IU
Collection Date: 4/21/2022 2:15:00 PM
Lab ID: 2204A30-012 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	1500	60		mg/Kg	20	4/26/2022 11:52:28 PM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/27/2022 1:55:46 PM	67057
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/27/2022 1:55:46 PM	67057
Surr: DNOP	113	51.1-141		%Rec	1	4/27/2022 1:55:46 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/26/2022 3:39:29 PM	67047
Surr: BFB	105	37.7-212		%Rec	1	4/26/2022 3:39:29 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	4/26/2022 3:39:29 PM	67047
Toluene	ND	0.050		mg/Kg	1	4/26/2022 3:39:29 PM	67047
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2022 3:39:29 PM	67047
Xylenes, Total	ND	0.099		mg/Kg	1	4/26/2022 3:39:29 PM	67047
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	4/26/2022 3:39:29 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (25')
Project: White IU
Collection Date: 4/21/2022 2:20:00 PM
Lab ID: 2204A30-013 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	1800	60		mg/Kg	20	4/27/2022 12:04:53 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/27/2022 2:08:42 PM	67057
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 2:08:42 PM	67057
Surr: DNOP	103	51.1-141		%Rec	1	4/27/2022 2:08:42 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 4:02:57 PM	67047
Surr: BFB	103	37.7-212		%Rec	1	4/26/2022 4:02:57 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 4:02:57 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 4:02:57 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 4:02:57 PM	67047
Xylenes, Total	ND	0.096		mg/Kg	1	4/26/2022 4:02:57 PM	67047
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	4/26/2022 4:02:57 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (30')
Project: White IU
Collection Date: 4/21/2022 2:25:00 PM
Lab ID: 2204A30-014 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	8800	300		mg/Kg	100	4/27/2022 12:18:20 PM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/27/2022 2:19:25 PM	67057
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 2:19:25 PM	67057
Surr: DNOP	89.8	51.1-141		%Rec	1	4/27/2022 2:19:25 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 4:26:20 PM	67047
Surr: BFB	102	37.7-212		%Rec	1	4/26/2022 4:26:20 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 4:26:20 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 4:26:20 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 4:26:20 PM	67047
Xylenes, Total	ND	0.095		mg/Kg	1	4/26/2022 4:26:20 PM	67047
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	4/26/2022 4:26:20 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (35')
Project: White IU
Collection Date: 4/21/2022 2:30:00 PM
Lab ID: 2204A30-015 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	7200	300		mg/Kg	100	4/27/2022 12:30:44 PM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/27/2022 2:30:09 PM	67057
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/27/2022 2:30:09 PM	67057
Surr: DNOP	108	51.1-141		%Rec	1	4/27/2022 2:30:09 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 4:49:41 PM	67047
Surr: BFB	103	37.7-212		%Rec	1	4/26/2022 4:49:41 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 4:49:41 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 4:49:41 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 4:49:41 PM	67047
Xylenes, Total	ND	0.096		mg/Kg	1	4/26/2022 4:49:41 PM	67047
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/26/2022 4:49:41 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (40')
Project: White IU
Collection Date: 4/21/2022 2:35:00 PM
Lab ID: 2204A30-016 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	1500	61		mg/Kg	20	4/27/2022 12:42:05 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/27/2022 2:40:55 PM	67057
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/27/2022 2:40:55 PM	67057
Surr: DNOP	123	51.1-141		%Rec	1	4/27/2022 2:40:55 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 5:13:05 PM	67047
Surr: BFB	99.2	37.7-212		%Rec	1	4/26/2022 5:13:05 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 5:13:05 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 5:13:05 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 5:13:05 PM	67047
Xylenes, Total	ND	0.097		mg/Kg	1	4/26/2022 5:13:05 PM	67047
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/26/2022 5:13:05 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (45')
Project: White IU
Collection Date: 4/21/2022 2:40:00 PM
Lab ID: 2204A30-017 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	1500	59		mg/Kg	20	4/27/2022 1:19:18 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/27/2022 2:51:39 PM	67057
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 2:51:39 PM	67057
Surr: DNOP	97.7	51.1-141		%Rec	1	4/27/2022 2:51:39 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/26/2022 5:36:25 PM	67047
Surr: BFB	99.9	37.7-212		%Rec	1	4/26/2022 5:36:25 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	4/26/2022 5:36:25 PM	67047
Toluene	ND	0.049		mg/Kg	1	4/26/2022 5:36:25 PM	67047
Ethylbenzene	ND	0.049		mg/Kg	1	4/26/2022 5:36:25 PM	67047
Xylenes, Total	ND	0.098		mg/Kg	1	4/26/2022 5:36:25 PM	67047
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	4/26/2022 5:36:25 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (50')
Project: White IU
Collection Date: 4/21/2022 2:45:00 PM
Lab ID: 2204A30-018 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	1500	60		mg/Kg	20	4/27/2022 1:31:42 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/27/2022 3:02:25 PM	67057
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/27/2022 3:02:25 PM	67057
Surr: DNOP	97.9	51.1-141		%Rec	1	4/27/2022 3:02:25 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 5:59:51 PM	67047
Surr: BFB	98.6	37.7-212		%Rec	1	4/26/2022 5:59:51 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	4/26/2022 5:59:51 PM	67047
Toluene	ND	0.048		mg/Kg	1	4/26/2022 5:59:51 PM	67047
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 5:59:51 PM	67047
Xylenes, Total	ND	0.096		mg/Kg	1	4/26/2022 5:59:51 PM	67047
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	4/26/2022 5:59:51 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-2 (55')
Project: White IU
Collection Date: 4/21/2022 2:50:00 PM
Lab ID: 2204A30-019 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	240	60		mg/Kg	20	4/27/2022 2:08:55 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/27/2022 3:13:12 PM	67057
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/27/2022 3:13:12 PM	67057
Surr: DNOP	89.4	51.1-141		%Rec	1	4/27/2022 3:13:12 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/26/2022 6:23:18 PM	67047
Surr: BFB	99.6	37.7-212		%Rec	1	4/26/2022 6:23:18 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	4/26/2022 6:23:18 PM	67047
Toluene	ND	0.050		mg/Kg	1	4/26/2022 6:23:18 PM	67047
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2022 6:23:18 PM	67047
Xylenes, Total	ND	0.10		mg/Kg	1	4/26/2022 6:23:18 PM	67047
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/26/2022 6:23:18 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-3 (20')
Project: White IU
Collection Date: 4/21/2022 3:20:00 PM
Lab ID: 2204A30-020 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	4/27/2022 2:21:20 AM	67091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/27/2022 3:23:59 PM	67057
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/27/2022 3:23:59 PM	67057
Surr: DNOP	103	51.1-141		%Rec	1	4/27/2022 3:23:59 PM	67057
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	4/26/2022 6:46:58 PM	67047
Surr: BFB	99.1	37.7-212		%Rec	5	4/26/2022 6:46:58 PM	67047
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.12		mg/Kg	5	4/26/2022 6:46:58 PM	67047
Toluene	ND	0.23		mg/Kg	5	4/26/2022 6:46:58 PM	67047
Ethylbenzene	ND	0.23		mg/Kg	5	4/26/2022 6:46:58 PM	67047
Xylenes, Total	ND	0.46		mg/Kg	5	4/26/2022 6:46:58 PM	67047
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	5	4/26/2022 6:46:58 PM	67047

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-3 (25')
Project: White IU
Collection Date: 4/21/2022 3:30:00 PM
Lab ID: 2204A30-021 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	190	60		mg/Kg	20	4/27/2022 11:34:40 AM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	4/27/2022 12:11:10 PM	67074
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/27/2022 12:11:10 PM	67074
Surr: DNOP	95.0	51.1-141		%Rec	1	4/27/2022 12:11:10 PM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/26/2022 1:16:00 PM	67051
Surr: BFB	113	37.7-212		%Rec	1	4/26/2022 1:16:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 1:16:00 PM	67051
Toluene	ND	0.049		mg/Kg	1	4/26/2022 1:16:00 PM	67051
Ethylbenzene	ND	0.049		mg/Kg	1	4/26/2022 1:16:00 PM	67051
Xylenes, Total	ND	0.098		mg/Kg	1	4/26/2022 1:16:00 PM	67051
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	4/26/2022 1:16:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-3 (30')
Project: White IU
Collection Date: 4/21/2022 3:40:00 PM
Lab ID: 2204A30-022 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	88	60		mg/Kg	20	4/27/2022 11:47:04 AM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/27/2022 10:38:09 AM	67074
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/27/2022 10:38:09 AM	67074
Surr: DNOP	104	51.1-141		%Rec	1	4/27/2022 10:38:09 AM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/26/2022 2:16:00 PM	67051
Surr: BFB	104	37.7-212		%Rec	1	4/26/2022 2:16:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 2:16:00 PM	67051
Toluene	ND	0.049		mg/Kg	1	4/26/2022 2:16:00 PM	67051
Ethylbenzene	ND	0.049		mg/Kg	1	4/26/2022 2:16:00 PM	67051
Xylenes, Total	ND	0.097		mg/Kg	1	4/26/2022 2:16:00 PM	67051
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	4/26/2022 2:16:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-3 (35')
Project: White IU
Collection Date: 4/21/2022 3:50:00 PM
Lab ID: 2204A30-023 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	4/27/2022 11:59:29 AM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/27/2022 10:51:48 AM	67074
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/27/2022 10:51:48 AM	67074
Surr: DNOP	104	51.1-141		%Rec	1	4/27/2022 10:51:48 AM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/26/2022 3:15:00 PM	67051
Surr: BFB	103	37.7-212		%Rec	1	4/26/2022 3:15:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	4/26/2022 3:15:00 PM	67051
Toluene	ND	0.050		mg/Kg	1	4/26/2022 3:15:00 PM	67051
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2022 3:15:00 PM	67051
Xylenes, Total	ND	0.10		mg/Kg	1	4/26/2022 3:15:00 PM	67051
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	4/26/2022 3:15:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (20')
Project: White IU
Collection Date: 4/21/2022 4:25:00 PM
Lab ID: 2204A30-024 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2400	150		mg/Kg	50	4/27/2022 2:28:23 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/27/2022 11:05:10 AM	67074
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/27/2022 11:05:10 AM	67074
Surr: DNOP	109	51.1-141		%Rec	1	4/27/2022 11:05:10 AM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/26/2022 3:34:00 PM	67051
Surr: BFB	107	37.7-212		%Rec	1	4/26/2022 3:34:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 3:34:00 PM	67051
Toluene	ND	0.047		mg/Kg	1	4/26/2022 3:34:00 PM	67051
Ethylbenzene	ND	0.047		mg/Kg	1	4/26/2022 3:34:00 PM	67051
Xylenes, Total	ND	0.094		mg/Kg	1	4/26/2022 3:34:00 PM	67051
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	4/26/2022 3:34:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (25')
Project: White IU
Collection Date: 4/21/2022 4:30:00 PM
Lab ID: 2204A30-025 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	5000	150		mg/Kg	50	4/27/2022 2:40:48 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/27/2022 11:18:45 AM	67074
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/27/2022 11:18:45 AM	67074
Surr: DNOP	103	51.1-141		%Rec	1	4/27/2022 11:18:45 AM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/26/2022 4:53:00 PM	67051
Surr: BFB	105	37.7-212		%Rec	1	4/26/2022 4:53:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	4/26/2022 4:53:00 PM	67051
Toluene	ND	0.046		mg/Kg	1	4/26/2022 4:53:00 PM	67051
Ethylbenzene	ND	0.046		mg/Kg	1	4/26/2022 4:53:00 PM	67051
Xylenes, Total	ND	0.092		mg/Kg	1	4/26/2022 4:53:00 PM	67051
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	4/26/2022 4:53:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (30')
Project: White IU
Collection Date: 4/21/2022 4:35:00 PM
Lab ID: 2204A30-026 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	4700	300		mg/Kg	100	4/27/2022 2:53:13 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/27/2022 11:32:21 AM	67074
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/27/2022 11:32:21 AM	67074
Surr: DNOP	101	51.1-141		%Rec	1	4/27/2022 11:32:21 AM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/26/2022 5:13:00 PM	67051
Surr: BFB	106	37.7-212		%Rec	1	4/26/2022 5:13:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	4/26/2022 5:13:00 PM	67051
Toluene	ND	0.047		mg/Kg	1	4/26/2022 5:13:00 PM	67051
Ethylbenzene	ND	0.047		mg/Kg	1	4/26/2022 5:13:00 PM	67051
Xylenes, Total	ND	0.093		mg/Kg	1	4/26/2022 5:13:00 PM	67051
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	4/26/2022 5:13:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (35')
Project: White IU
Collection Date: 4/21/2022 4:40:00 PM
Lab ID: 2204A30-027 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	3000	150		mg/Kg	50	4/27/2022 3:05:37 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/27/2022 11:45:56 AM	67074
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 11:45:56 AM	67074
Surr: DNOP	102	51.1-141		%Rec	1	4/27/2022 11:45:56 AM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/26/2022 5:33:00 PM	67051
Surr: BFB	109	37.7-212		%Rec	1	4/26/2022 5:33:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	4/26/2022 5:33:00 PM	67051
Toluene	ND	0.050		mg/Kg	1	4/26/2022 5:33:00 PM	67051
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2022 5:33:00 PM	67051
Xylenes, Total	ND	0.10		mg/Kg	1	4/26/2022 5:33:00 PM	67051
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	4/26/2022 5:33:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (40')
Project: White IU
Collection Date: 4/21/2022 4:45:00 PM
Lab ID: 2204A30-028 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	3100	150		mg/Kg	50	4/27/2022 3:18:02 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/27/2022 11:59:26 AM	67074
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 11:59:26 AM	67074
Surr: DNOP	98.0	51.1-141		%Rec	1	4/27/2022 11:59:26 AM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/26/2022 5:52:00 PM	67051
Surr: BFB	104	37.7-212		%Rec	1	4/26/2022 5:52:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	4/26/2022 5:52:00 PM	67051
Toluene	ND	0.046		mg/Kg	1	4/26/2022 5:52:00 PM	67051
Ethylbenzene	ND	0.046		mg/Kg	1	4/26/2022 5:52:00 PM	67051
Xylenes, Total	ND	0.093		mg/Kg	1	4/26/2022 5:52:00 PM	67051
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	4/26/2022 5:52:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (45')
Project: White IU
Collection Date: 4/21/2022 4:50:00 PM
Lab ID: 2204A30-029 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	3200	150		mg/Kg	50	4/27/2022 3:55:15 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/27/2022 12:12:59 PM	67074
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/27/2022 12:12:59 PM	67074
Surr: DNOP	102	51.1-141		%Rec	1	4/27/2022 12:12:59 PM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/26/2022 6:12:00 PM	67051
Surr: BFB	101	37.7-212		%Rec	1	4/26/2022 6:12:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	4/26/2022 6:12:00 PM	67051
Toluene	ND	0.047		mg/Kg	1	4/26/2022 6:12:00 PM	67051
Ethylbenzene	ND	0.047		mg/Kg	1	4/26/2022 6:12:00 PM	67051
Xylenes, Total	ND	0.093		mg/Kg	1	4/26/2022 6:12:00 PM	67051
Surr: 4-Bromofluorobenzene	82.8	70-130		%Rec	1	4/26/2022 6:12:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (50')
Project: White IU
Collection Date: 4/22/2022 7:45:00 AM
Lab ID: 2204A30-030 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**CAS**
Chloride	1200	61		mg/Kg	20	4/27/2022 1:51:09 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/27/2022 12:27:05 PM	67074
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/27/2022 12:27:05 PM	67074
Surr: DNOP	103	51.1-141		%Rec	1	4/27/2022 12:27:05 PM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/26/2022 6:32:00 PM	67051
Surr: BFB	106	37.7-212		%Rec	1	4/26/2022 6:32:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.025		mg/Kg	1	4/26/2022 6:32:00 PM	67051
Toluene	ND	0.049		mg/Kg	1	4/26/2022 6:32:00 PM	67051
Ethylbenzene	ND	0.049		mg/Kg	1	4/26/2022 6:32:00 PM	67051
Xylenes, Total	ND	0.098		mg/Kg	1	4/26/2022 6:32:00 PM	67051
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	4/26/2022 6:32:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (60')
Project: White IU
Collection Date: 4/22/2022 7:55:00 AM
Lab ID: 2204A30-031 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	4/27/2022 2:03:34 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/27/2022 12:40:38 PM	67074
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/27/2022 12:40:38 PM	67074
Surr: DNOP	102	51.1-141		%Rec	1	4/27/2022 12:40:38 PM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/26/2022 6:51:00 PM	67051
Surr: BFB	107	37.7-212		%Rec	1	4/26/2022 6:51:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	4/26/2022 6:51:00 PM	67051
Toluene	ND	0.050		mg/Kg	1	4/26/2022 6:51:00 PM	67051
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2022 6:51:00 PM	67051
Xylenes, Total	ND	0.099		mg/Kg	1	4/26/2022 6:51:00 PM	67051
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	4/26/2022 6:51:00 PM	67051

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

Qualifiers:

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

Analytical Report
Lab Order **2204A30**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SB-4 (65')
Project: White IU
Collection Date: 4/22/2022 8:05:00 AM
Lab ID: 2204A30-032 **Matrix:** SOIL **Received Date:** 4/23/2022 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	61		mg/Kg	20	4/27/2022 2:15:59 PM	67105
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/27/2022 12:54:21 PM	67074
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/27/2022 12:54:21 PM	67074
Surr: DNOP	105	51.1-141		%Rec	1	4/27/2022 12:54:21 PM	67074
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 7:11:00 PM	67051
Surr: BFB	105	37.7-212		%Rec	1	4/26/2022 7:11:00 PM	67051
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/26/2022 7:11:00 PM	67051
Toluene	ND	0.048		mg/Kg	1	4/26/2022 7:11:00 PM	67051
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 7:11:00 PM	67051
Xylenes, Total	ND	0.095		mg/Kg	1	4/26/2022 7:11:00 PM	67051
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	4/26/2022 7:11:00 PM	67051

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204A30**

05-May-22

Client: EOG

Project: White IU

Sample ID: **MB-67091** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **67091** RunNo: **87537**
Prep Date: **4/26/2022** Analysis Date: **4/26/2022** SeqNo: **3097765** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-67091** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **67091** RunNo: **87537**
Prep Date: **4/26/2022** Analysis Date: **4/26/2022** SeqNo: **3097766** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.5	90	110			

Sample ID: **MB-67067** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **67067** RunNo: **87540**
Prep Date: **4/26/2022** Analysis Date: **4/26/2022** SeqNo: **3098355** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-67067** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **67067** RunNo: **87540**
Prep Date: **4/26/2022** Analysis Date: **4/26/2022** SeqNo: **3098356** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: **MB-67105** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **67105** RunNo: **87560**
Prep Date: **4/27/2022** Analysis Date: **4/27/2022** SeqNo: **3099509** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-67105** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **67105** RunNo: **87560**
Prep Date: **4/27/2022** Analysis Date: **4/27/2022** SeqNo: **3099510** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.0	90	110			

Qualifiers:

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

WO#: **2204A30**

05-May-22

Client: EOG

Project: White IU

Sample ID: **LCS-67057**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67057**	RunNo: **87551**
Prep Date: **4/25/2022**	Analysis Date: **4/27/2022**	SeqNo: **3098093** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	113	68.9	135			
Surr: DNOP	4.5		5.000		89.5	51.1	141			

Sample ID: **MB-67057**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67057**	RunNo: **87551**
Prep Date: **4/25/2022**	Analysis Date: **4/27/2022**	SeqNo: **3098095** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		111	51.1	141			

Sample ID: **MB-67074**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67074**	RunNo: **87554**
Prep Date: **4/26/2022**	Analysis Date: **4/27/2022**	SeqNo: **3098151** 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	9.4		10.00		94.4	51.1	141			

Sample ID: **LCS-67074**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67074**	RunNo: **87554**
Prep Date: **4/26/2022**	Analysis Date: **4/27/2022**	SeqNo: **3098152** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.2	68.9	135			
Surr: DNOP	4.3		5.000		86.7	51.1	141			

Sample ID: **LCS-67034**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67034**	RunNo: **87551**
Prep Date: **4/25/2022**	Analysis Date: **4/27/2022**	SeqNo: **3099378** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.9		5.000		77.7	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2204A30**
05-May-22

Client: EOG
Project: White IU

Sample ID: **MB-67034**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67034**	RunNo: **87551**
Prep Date: **4/25/2022**	Analysis Date: **4/27/2022**	SeqNo: **3099380** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.4		10.00		83.7	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2204A30**
05-May-22

Client: EOG
Project: White IU

Sample ID: **mb-67047**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **67047**	RunNo: **87522**							
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3096931**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.4	37.7	212			

Sample ID: **LCS-67047**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **67047**	RunNo: **87522**							
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3096932**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	72.3	137			
Surr: BFB	2100		1000		211	37.7	212			

Sample ID: **lcs-67051**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **67051**	RunNo: **87523**							
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3097034**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	118	72.3	137			
Surr: BFB	2400		1000		238	37.7	212			S

Sample ID: **mb-67051**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **67051**	RunNo: **87523**							
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3097035**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204A30**

05-May-22

Client: EOG

Project: White IU

Sample ID: **mb-67047**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67047**	RunNo: **87522**
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3096979** 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: **LCS-67047**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67047**	RunNo: **87522**
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3096980** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	86.9	80	120			
Toluene	0.93	0.050	1.000	0	93.2	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.9	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	70	130			

Sample ID: **lcs-67051**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67051**	RunNo: **87523**
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3097084** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.9	80	120			
Toluene	0.94	0.050	1.000	0	94.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.7	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		87.9	70	130			

Sample ID: **mb-67051**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67051**	RunNo: **87523**
Prep Date: **4/25/2022**	Analysis Date: **4/26/2022**	SeqNo: **3097085** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		85.5	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2204A30 RcptNo: 1

Received By: Juan Rojas 4/23/2022 8:25:00 AM

Completed By: Juan Rojas 4/23/2022 9:02:07 AM

Reviewed By: KPG 4/25/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
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 ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JN 4/25/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.9	Good				
2	1.3	Good				

Chain-of-Custody Record

Client: EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48 hr

Project Name: White IU

Project #: 12574107-03

Project Manager: Becky Haskel

Sampler:

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 0.9-0=0.9 (°C) 1.3-0=1.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204A30	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/21	1145	S	SB-1 (20')	4 02		-001	X	X					X			
	1200		SB-1 (25')			-002										
	1215		SB-1 (30')			-003										
	1230		SB-1 (35')			-004										
	1245		SB-1 (40')			-005										
	1300		SB-1 (45')			-006										
	1315		SB-1 (50')			-007										
	1330		SB-1 (55')			-008										
	1345		SB-1 (60')			-009										
	1400		SB-1 (70')			-010										
	1410		SB-1 (75')			-011										
V	1415	V	SB-2 (20')	V		-012	V	V					V			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/22/22	0940				4/22/22	940
4/22/22	1900		courier		4/23/22	8:25

Remarks:

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.

Chain-of-Custody Record

Client: EOG - Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48 hr

Project Name: White Iu

Project #: 12574107-03

Project Manager: Becky Haskel

Sampler:

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 0.9-0=0.9 (°C) 1.3-0=1.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204A30	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/21	1420	S	SB-2 (25')	4oz		-013	X	X					X			
	1425		SB-2 (30')			-014										
	1430		SB-2 (35')			-015										
	1435		SB-2 (40')			-016										
	1440		SB-2 (45')			-017										
	1445		SB-2 (50')			-018										
	1450		SB-2 (55')			-019										
	1520		SB-3 (20')			-020										
	1530		SB-3 (25')			-021										
	1540		SB-3 (30')			-022										
	1550		SB-3 (35')			-023										
↓	1625	↓	SB-4 (20')	↓		-024	↓	↓					↓			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/22/22	0940		Cummings		4/22/22	940
4/22/22	1900		Courier		4/23/22	8:25

Remarks:

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.

Chain-of-Custody Record

Client: EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48hr

Project Name: White Tu

Project #: 125741107-03

Project Manager: Becky Haskel

Sampler:

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 0.9-0=0.9 (°C)
1.3-0=1.3

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204430
4/21	1630	S	SB-4 (25')	4oz		-075
	1635		SB-4 (30')			-076
	1640		SB-4 (35')			-077
	1645		SB-4 (40')			-078
	1650		SB-4 (45')			-079
4/22	0745		SB-4 (50')			-030
	0755		SB-4 (60')			-031
	0805		SB-4 (65')			-032

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/22/22	0940				4/22/22	940
4/22/22	1900			courier	4/23/22	8:25

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
X	X								

Remarks:

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.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

May 11, 2022

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

RE: White IU OrderNo.: 2204D46

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 10 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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (20')
Project: White IU
Collection Date: 4/29/2022 7:30:00 AM
Lab ID: 2204D46-001 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	370	60		mg/Kg	20	5/4/2022 5:08:28 AM	67235
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/3/2022 4:45:57 PM	67221
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2022 4:45:57 PM	67221
Surr: DNOP	87.5	51.1-141		%Rec	1	5/3/2022 4:45:57 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/3/2022 4:17:00 PM	67192
Surr: BFB	102	37.7-212		%Rec	1	5/3/2022 4:17:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	5/4/2022 6:45:00 PM	67192
Toluene	ND	0.046		mg/Kg	1	5/4/2022 6:45:00 PM	67192
Ethylbenzene	ND	0.046		mg/Kg	1	5/4/2022 6:45:00 PM	67192
Xylenes, Total	ND	0.092		mg/Kg	1	5/4/2022 6:45:00 PM	67192
Surr: 4-Bromofluorobenzene	80.0	70-130		%Rec	1	5/4/2022 6:45:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (25')
Project: White IU
Collection Date: 4/29/2022 7:40:00 AM
Lab ID: 2204D46-002 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	3900	150		mg/Kg	50	5/4/2022 5:37:31 PM	67235
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/3/2022 4:59:49 PM	67221
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/3/2022 4:59:49 PM	67221
Surr: DNOP	90.9	51.1-141		%Rec	1	5/3/2022 4:59:49 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/3/2022 4:37:00 PM	67192
Surr: BFB	99.4	37.7-212		%Rec	1	5/3/2022 4:37:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.025		mg/Kg	1	5/4/2022 7:05:00 PM	67192
Toluene	ND	0.049		mg/Kg	1	5/4/2022 7:05:00 PM	67192
Ethylbenzene	ND	0.049		mg/Kg	1	5/4/2022 7:05:00 PM	67192
Xylenes, Total	ND	0.099		mg/Kg	1	5/4/2022 7:05:00 PM	67192
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	5/4/2022 7:05:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (30')
Project: White IU
Collection Date: 4/29/2022 7:50:00 AM
Lab ID: 2204D46-003 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	3200	150		mg/Kg	50	5/4/2022 5:49:56 PM	67235
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/3/2022 5:13:43 PM	67221
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/3/2022 5:13:43 PM	67221
Surr: DNOP	96.4	51.1-141		%Rec	1	5/3/2022 5:13:43 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/3/2022 4:56:00 PM	67192
Surr: BFB	101	37.7-212		%Rec	1	5/3/2022 4:56:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	5/4/2022 7:24:00 PM	67192
Toluene	ND	0.047		mg/Kg	1	5/4/2022 7:24:00 PM	67192
Ethylbenzene	ND	0.047		mg/Kg	1	5/4/2022 7:24:00 PM	67192
Xylenes, Total	ND	0.094		mg/Kg	1	5/4/2022 7:24:00 PM	67192
Surr: 4-Bromofluorobenzene	81.7	70-130		%Rec	1	5/4/2022 7:24:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (35')
Project: White IU
Collection Date: 4/29/2022 7:55:00 AM
Lab ID: 2204D46-004 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	3400	150		mg/Kg	50	5/4/2022 6:27:09 PM	67235
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/3/2022 5:27:45 PM	67221
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 5:27:45 PM	67221
Surr: DNOP	96.0	51.1-141		%Rec	1	5/3/2022 5:27:45 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/3/2022 5:16:00 PM	67192
Surr: BFB	99.4	37.7-212		%Rec	1	5/3/2022 5:16:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.023		mg/Kg	1	5/4/2022 7:44:00 PM	67192
Toluene	ND	0.047		mg/Kg	1	5/4/2022 7:44:00 PM	67192
Ethylbenzene	ND	0.047		mg/Kg	1	5/4/2022 7:44:00 PM	67192
Xylenes, Total	ND	0.093		mg/Kg	1	5/4/2022 7:44:00 PM	67192
Surr: 4-Bromofluorobenzene	80.6	70-130		%Rec	1	5/4/2022 7:44:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (40')
Project: White IU
Collection Date: 4/29/2022 8:20:00 AM
Lab ID: 2204D46-005 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	4800	150		mg/Kg	50	5/4/2022 6:39:34 PM	67235
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/3/2022 5:41:29 PM	67221
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 5:41:29 PM	67221
Surr: DNOP	97.6	51.1-141		%Rec	1	5/3/2022 5:41:29 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/3/2022 5:36:00 PM	67192
Surr: BFB	103	37.7-212		%Rec	1	5/3/2022 5:36:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	5/4/2022 8:43:00 PM	67192
Toluene	ND	0.047		mg/Kg	1	5/4/2022 8:43:00 PM	67192
Ethylbenzene	ND	0.047		mg/Kg	1	5/4/2022 8:43:00 PM	67192
Xylenes, Total	ND	0.095		mg/Kg	1	5/4/2022 8:43:00 PM	67192
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	5/4/2022 8:43:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (45')
Project: White IU
Collection Date: 4/29/2022 8:30:00 AM
Lab ID: 2204D46-006 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	3100	150		mg/Kg	50	5/4/2022 5:54:18 PM	67244
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/3/2022 5:55:14 PM	67221
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2022 5:55:14 PM	67221
Surr: DNOP	94.0	51.1-141		%Rec	1	5/3/2022 5:55:14 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/3/2022 5:56:00 PM	67192
Surr: BFB	103	37.7-212		%Rec	1	5/3/2022 5:56:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/4/2022 9:03:00 PM	67192
Toluene	ND	0.049		mg/Kg	1	5/4/2022 9:03:00 PM	67192
Ethylbenzene	ND	0.049		mg/Kg	1	5/4/2022 9:03:00 PM	67192
Xylenes, Total	ND	0.098		mg/Kg	1	5/4/2022 9:03:00 PM	67192
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	5/4/2022 9:03:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (50')
Project: White IU
Collection Date: 4/29/2022 8:50:00 AM
Lab ID: 2204D46-007 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	5000	150		mg/Kg	50	5/5/2022 10:25:38 AM	67244
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/3/2022 6:08:54 PM	67221
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2022 6:08:54 PM	67221
Surr: DNOP	99.9	51.1-141		%Rec	1	5/3/2022 6:08:54 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/3/2022 6:15:00 PM	67192
Surr: BFB	102	37.7-212		%Rec	1	5/3/2022 6:15:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	5/4/2022 9:23:00 PM	67192
Toluene	ND	0.047		mg/Kg	1	5/4/2022 9:23:00 PM	67192
Ethylbenzene	ND	0.047		mg/Kg	1	5/4/2022 9:23:00 PM	67192
Xylenes, Total	ND	0.093		mg/Kg	1	5/4/2022 9:23:00 PM	67192
Surr: 4-Bromofluorobenzene	82.2	70-130		%Rec	1	5/4/2022 9:23:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (55')
Project: White IU
Collection Date: 4/29/2022 9:30:00 AM
Lab ID: 2204D46-008 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**CAS**
Chloride	850	60		mg/Kg	20	5/4/2022 12:04:24 AM	67244
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/3/2022 6:22:44 PM	67221
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2022 6:22:44 PM	67221
Surr: DNOP	100	51.1-141		%Rec	1	5/3/2022 6:22:44 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/3/2022 6:35:00 PM	67192
Surr: BFB	100	37.7-212		%Rec	1	5/3/2022 6:35:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.025		mg/Kg	1	5/4/2022 9:42:00 PM	67192
Toluene	ND	0.050		mg/Kg	1	5/4/2022 9:42:00 PM	67192
Ethylbenzene	ND	0.050		mg/Kg	1	5/4/2022 9:42:00 PM	67192
Xylenes, Total	ND	0.10		mg/Kg	1	5/4/2022 9:42:00 PM	67192
Surr: 4-Bromofluorobenzene	82.3	70-130		%Rec	1	5/4/2022 9:42:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (60')
Project: White IU
Collection Date: 4/29/2022 9:50:00 AM
Lab ID: 2204D46-009 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**CAS**
Chloride	160	60		mg/Kg	20	5/4/2022 12:16:49 AM	67244
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/3/2022 6:36:55 PM	67221
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/3/2022 6:36:55 PM	67221
Surr: DNOP	100	51.1-141		%Rec	1	5/3/2022 6:36:55 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 6:55:00 PM	67192
Surr: BFB	102	37.7-212		%Rec	1	5/3/2022 6:55:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	5/4/2022 10:02:00 PM	67192
Toluene	ND	0.048		mg/Kg	1	5/4/2022 10:02:00 PM	67192
Ethylbenzene	ND	0.048		mg/Kg	1	5/4/2022 10:02:00 PM	67192
Xylenes, Total	ND	0.096		mg/Kg	1	5/4/2022 10:02:00 PM	67192
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	5/4/2022 10:02:00 PM	67192

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

Qualifiers:

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

Analytical Report
Lab Order **2204D46**
Date Reported: **5/11/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: SB-5 (65')
Project: White IU
Collection Date: 4/29/2022 10:00:00 AM
Lab ID: 2204D46-010 **Matrix:** SOIL **Received Date:** 4/30/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**CAS**
Chloride	210	59		mg/Kg	20	5/4/2022 12:29:13 AM	67244
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/3/2022 6:50:41 PM	67221
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/3/2022 6:50:41 PM	67221
Surr: DNOP	103	51.1-141		%Rec	1	5/3/2022 6:50:41 PM	67221
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 7:14:00 PM	67192
Surr: BFB	99.7	37.7-212		%Rec	1	5/3/2022 7:14:00 PM	67192
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	5/4/2022 10:22:00 PM	67192
Toluene	ND	0.048		mg/Kg	1	5/4/2022 10:22:00 PM	67192
Ethylbenzene	ND	0.048		mg/Kg	1	5/4/2022 10:22:00 PM	67192
Xylenes, Total	ND	0.095		mg/Kg	1	5/4/2022 10:22:00 PM	67192
Surr: 4-Bromofluorobenzene	83.0	70-130		%Rec	1	5/4/2022 10:22:00 PM	67192

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204D46**

11-May-22

Client: GHD Midland

Project: White IU

Sample ID:	**MB-67244**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**67244**	RunNo:	**87665**					
Prep Date:	**5/3/2022**	Analysis Date:	**5/3/2022**	SeqNo:	**3106432**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID:	**LCS-67244**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**67244**	RunNo:	**87665**					
Prep Date:	**5/3/2022**	Analysis Date:	**5/3/2022**	SeqNo:	**3106433**	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-67235**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**67235**	RunNo:	**87695**					
Prep Date:	**5/3/2022**	Analysis Date:	**5/4/2022**	SeqNo:	**3106851**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID:	**LCS-67235**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**67235**	RunNo:	**87695**					
Prep Date:	**5/3/2022**	Analysis Date:	**5/4/2022**	SeqNo:	**3106852**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.4	90	110			

Qualifiers:

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

WO#: **2204D46**

11-May-22

Client: GHD Midland

Project: White IU

Sample ID: **LCS-67221**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67221**	RunNo: **87713**
Prep Date: **5/3/2022**	Analysis Date: **5/3/2022**	SeqNo: **3105915** 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	87.3	68.9	135			
Surr: DNOP	4.6		5.000		92.5	51.1	141			

Sample ID: **MB-67221**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67221**	RunNo: **87713**
Prep Date: **5/3/2022**	Analysis Date: **5/3/2022**	SeqNo: **3105920** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.3	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204D46**

11-May-22

Client: GHD Midland

Project: White IU

Sample ID: **lcs-67192**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67192**	RunNo: **87706**
Prep Date: **5/2/2022**	Analysis Date: **5/3/2022**	SeqNo: **3105549** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	72.3	137			
Surr: BFB	2200		1000		224	37.7	212			S

Sample ID: **mb-67192**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67192**	RunNo: **87706**
Prep Date: **5/2/2022**	Analysis Date: **5/3/2022**	SeqNo: **3105550** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		99.8	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204D46**

11-May-22

Client: GHD Midland

Project: White IU

Sample ID: **lcs-67192**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67192**	RunNo: **87721**
Prep Date: **5/2/2022**	Analysis Date: **5/4/2022**	SeqNo: **3107578** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.3	80	120			
Toluene	0.90	0.050	1.000	0	89.5	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.8	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.9	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		83.6	70	130			

Sample ID: **mb-67192**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67192**	RunNo: **87721**
Prep Date: **5/2/2022**	Analysis Date: **5/4/2022**	SeqNo: **3107579** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.80		1.000		80.1	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: GHD Midland | Work Order Number: 2204D46 | RcptNo: 1

Received By: Juan Rojas 4/30/2022 8:30:00 AM

Completed By: Juan Rojas 4/30/2022 9:31:54 AM

Reviewed By: KPG 4- 5.2.22
KPG 5.2.22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
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 ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JM 4/30/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks: Samples 001, 008, 009, and 010 Have water in them. KPG 5.2.22

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.1	Good				

Chain-of-Custody Record

Client: ⊗ GHD

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48 Hour

Project Name: White IU

Project #: 12574107-03

Project Manager: Becky.Haskell@ghd.
Amber_Griffin@EOGResources.com
Chase_Settle@EOGResources.com

Sampler:

On Ice: ☐ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.2-0.1=0.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204046	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/29	0730	S	SB-5 (20')			-001	X	X					X			
	0740		SB-5 (25')			-002										
	0750		SB-5 (30')			-003										
	0755		SB-5 (35')			-004										
	0820		SB-5 (40')			-005										
	0830		SB-5 (45')			-006										
	0850		SB-5 (50')			-007										
	0930		SB-5 (55')			-008										
	0950		SB-5 (60')			-009										
	1000		SB-5 (65')			-010										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/29	1130				4/29/22	1130
4/29/22	1900			courier	4/30/22	8:30

Remarks:

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.

Attachment C
Soil Boring Logs

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
PROJECT NUMBER: 12574107
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-1
DATE COMPLETED: April 21, 2022
DRILLING METHOD: Air Rotary/Split Spoons
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
0	Stratigraphy not recorded							
20	CALICHE/GRAVEL, odor	20.00		20'			240	7110
21	SP-SAND, fine to medium grained, gray and black, dry	21.00						
25	SP-SAND, with silt, light brown, slightly moist	25.00		25'			3200	1320
30				30'			3700	700
32	CL-SANDY CLAY, light brown and dark brown, slightly moist	32.00						
35				35'			6200	970
40				40'			6800	480
45				45'			2100	2074
46	SP-SAND, fine to medium grained, light brown, dry	46.00						

Cement Grout

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
PROJECT NUMBER: 12574107
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-1
DATE COMPLETED: April 21, 2022
DRILLING METHOD: Air Rotary/Split Spoons
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
50	CL-SANDY CLAY, dark brown, dry	49.00		50'			2900	<46
52	SP-SAND, with gravel, fine to medium grained sand, light brown and orange, dry	51.00						
54				55'			6900	<46
56								
58								
60				60'			2500	<50
62	CL-CLAY, with sand, dark brown, dry	62.00						
64								
66								
68								
70				70'			69	<48
72								
74				75'			<60	<46
76								
78	END OF BOREHOLE @ 77.00ft BGS	77.00						
80								
82								
84								
86								
88								
90								
92								
94								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (70', 75')

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
HOLE DESIGNATION: SB-2
PROJECT NUMBER: 12574107
DATE COMPLETED: April 21, 2022
CLIENT: EOG Resources
DRILLING METHOD: Air Rotary/Split Spoons
LOCATION: Eddy County, New Mexico
FIELD PERSONNEL: L. Mullins
DRILLING CONTRACTOR: HCI Drilling
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
0	Stratigraphy not recorded							
20	SP-SAND, medium grained, light brown, dry, no odor	20.00	Cement Grout	20'			1500	<49
25				25'			1800	<48
27	CONSOLIDATED ROCK	27.00						
27.5	CL-SANDY CLAY, light brown, dry	27.50		30'			8800	<48
35				35'			7200	<50
40				40'			1500	<50
45				45'			1500	<48

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
PROJECT NUMBER: 12574107
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-2
DATE COMPLETED: April 21, 2022
DRILLING METHOD: Air Rotary/Split Spoons
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
50				50'			1500	<46
52								
54				55'			240	<47
56								
58								
60								
62	END OF BOREHOLE @ 62.00ft BGS	62.00						
64								
66								
68								
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
HOLE DESIGNATION: SB-3
PROJECT NUMBER: 12574107
DATE COMPLETED: April 21, 2022
CLIENT: EOG Resources
DRILLING METHOD: Air Rotary/Split Spoons
LOCATION: Eddy County, New Mexico
FIELD PERSONNEL: L. Mullins
DRILLING CONTRACTOR: HCI Drilling
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
	Stratigraphy not recorded		Cement Grout					
20	CALICHE, rock interbedded throughout, with sand, light brown, dry	20.00		20'			<60	<50
21		21.00						
22	CONSOLIDATED ROCK	22.00						
24	SP-SAND, caliche gravel interbedded, fine to medium grained sand			25'			190	<45
30				30'			88	<47
35				35'			<60	<49
37	END OF BOREHOLE @ 37.00ft BGS	37.00						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
PROJECT NUMBER: 12574107
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-4
DATE COMPLETED: April 21, 2022
DRILLING METHOD: Air Rotary/Split Spoons
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
0	Stratigraphy not recorded							
20	SP-SAND, fine to medium grained, brown, dry	20.00		20'			2400	<46
25				25'			5000	<50
26	CL-SANDY CLAY, dark brown, dry	26.00						
30				30'			4700	<46
35				35'			3000	<48
40				40'			3100	<48
45				45'			3200	<47
47	CL-SANDY CLAY, light gray and brown, slightly	47.00						

Cement Grout

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
PROJECT NUMBER: 12574107
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-4
DATE COMPLETED: April 21, 2022
DRILLING METHOD: Air Rotary/Split Spoons
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
50	moist			50'			1200	<50
52								
54								
56								
58								
60				60'			<60	<49
62								
64								
66				65'			<61	<46
68	END OF BOREHOLE @ 67.00ft BGS	67.00						
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (50', 60', 65')

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
PROJECT NUMBER: 12574107
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-5
DATE COMPLETED: April 21, 2022
DRILLING METHOD: Air Rotary/Split Spoons
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
0	Stratigraphy not recorded							
20	SP-SAND, with caliche gravel interbedded throughout, fine to medium grained sand, light brown to white, dry	20.00		20'			370	<47
21.5	SP-SAND, fine to medium grained, light brown, dry	21.50						
25	CL-SANDY CLAY, dark brown, dry	25.00		25'			3900	<46
30				30'			3200	<48
35				35'			3400	<49
40				40'			4800	<49
45				45'			3100	<47
46	CL-SANDY CLAY, light gray and brown, slightly moist	46.00						

Cement Grout

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (20')

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: White IU Battery
PROJECT NUMBER: 12574107
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-5
DATE COMPLETED: April 21, 2022
DRILLING METHOD: Air Rotary/Split Spoons
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SOIL BORING	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	CHLORIDE (mg/kg)	TOTAL TPH (mg/kg)
50				50'			5000	<47
52								
54				55'			850	<47
56								
58								
60				60'			160	<46
62								
64				65'			210	<50
66								
68	END OF BOREHOLE @ 67.00ft BGS	67.00						
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

File: I:\LOG DATABASE\8-CHAR\12-----\1257--\12574107 WHITE BATTERY\12574107-CO.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 5/31/22

Attachment D
Approved C-144 Form

1. 13 2009

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐
Type of action Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator Yates Petroleum Corporation Telephone 505-748-1471 e-mail address boba@ypcnm com
Address 104 S 4th Street, Artesia, NM 88210
Facility or well name White IU (Fee) Battery API # 30-015-22322 U/L or Qtr/Qtr I Sec 28 T 18S R 26E
County Eddy Latitude 32 71606 Longitude 104 37911 NAD 1927 ☒ 1983 ☐
Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit	**Below-grade tank**	
Type Drilling ☐ Production ☐ Disposal ☐ Work over ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type Synthetic ☐ Thickness _____ mil Clay ☐ Pit Volume _____ bbl	Volume 210 bbl Type of fluid Produced Water Construction material Fiberglass Double-walled, with leak detection? Yes ☒ If not, explain why not	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources)	Yes No	(20 points) (0 points)
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
	Ranking Score (Total Points)	**10 points**

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks (2) Indicate disposal location (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered No ☐ Yes ☐ If yes, show depth below ground surface _____ ft and attach sample results
(5) Attach soil sample results and a diagram of sample locations and excavations

FINAL REMOVAL ACTIVITIES COMPLETE (TANK REMOVED AND SAMPLE RESULTS ENCLOSED). FINAL REPORT C-144.

I hereby certify that the information above is true and complete to the best of my knowledge and belief **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Date Friday, March 13, 2009
Printed Name/Title Robert Asher / Environmental Regulatory Agent Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations

Approval
Printed Name/Title _____ Signature Signed By Mike Bratcher Date MAR 19 2009

Bratcher, Mike, EMNRD

30-015-22322

From: Bratcher, Mike, EMNRD
Sent: Monday, February 09, 2009 10:06 AM
To: 'Bob Asher'
Cc: Jerry Fanning
Subject: Below Grade Tank Closure Request

Dear Mr. Asher,

The sites listed have had below grade tank/tanks removed. Based on documents and analytical data provided by Yates Petroleum, the request to close and backfill the sites is approved.

Please be advised that NMOCD approval for closure does not relieve Yates Petroleum of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval for closure does not relieve Yates Petroleum of responsibility for compliance with any other federal, state, local laws and/or regulations.

Documents pertaining to closure of these sites will be imaged to their respective well files under the API number provided.

Sincerely,

Mike Bratcher
NMOCD District 2
1301 W. Grand Ave.
Artesia, NM 88210
575-748-1283 Ext.108

WELL NAME	DATE OF RELEASE	C-141	Final C-141 Submitted to OCD	SITE RANKING	API NUMBER
Stark BG #1	12/21/2007	12/21/2007	3/3/2008	0	30-015-20056
Gushwa DR #1	12/21/2007	12/21/2007	3/3/2008	0	30-015-21002
Gerard AW Battery	12/21/2007	12/21/2007	3/28/2008	0	30-015-10800
Babcock IR Battery	12/21/2007	12/21/2007	3/28/2008	0	30-015-22311
Federal AY Battery	12/21/2007	12/21/2007	6/2/2008	0	30-015-10890
Santa Fe Land SWD #1	3/4/2008	3/24/2008	6/2/2008	10	30-015-20501
Roy SWD #3	3/4/2008	3/24/2008	6/2/2008	10	30-015-26562
Dee 36SW State #2	3/4/2008	3/24/2008	6/2/2008	0	30-015-26185
Routh NU Deep Com. #2	3/4/2008	3/24/2008	6/2/2008	0	30-015-23585
Yates AS #1 Fee	12/21/2007	12/21/2007	6/3/2008	0	30-015-10740
Compromise SWD #1 Battery	4/9/2008	4/9/2008	6/4/2008	10	30-015-25665
Dayton EX Battery	4/5/2008	4/9/2008	6/4/2008	10	30-015-21708
Eads GA Battery	4/5/2008	4/9/2008	6/4/2008	10	30-015-21788
Flint GU #1 Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-21933
Len Mayers #1	4/5/2008	4/9/2008	6/10/2008	10	30-015-05926
Cannon FW Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-21775
Gates AAC Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-24931

NIX PK (Fee) Battery	4/5/2008	4/9/2008	6/11/2008	10	30-015-23667
Peon GK #1 Battery	4/5/2008	4/9/2008	6/11/2008	10	30-015-21905
Monsanto Foster SWD #1	3/4/2008	3/10/2008	6/13/2008	0	30-015-10340
Waldrip JY #1 (Fee) Battery	3/25/2008	3/28/2008	6/13/2008	10	30-015-22755
White IU (Fee) Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-22322
NIX GP Fee Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-21910
Olsen MY Fee Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-23158

YATES PETROLEUM CORPORATION

105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

October 3, 2008

OCT 06 2008
OCD-ARTESIA

Mr. Mike Bratcher
NMOCD District II
1301 W. Grand Ave.
Artesia, NM 88210

RE: White IU (Fee) Battery
30-015-22322
Section 28, T18S-R26E
Eddy County, New Mexico

Dear Mr. Bratcher,

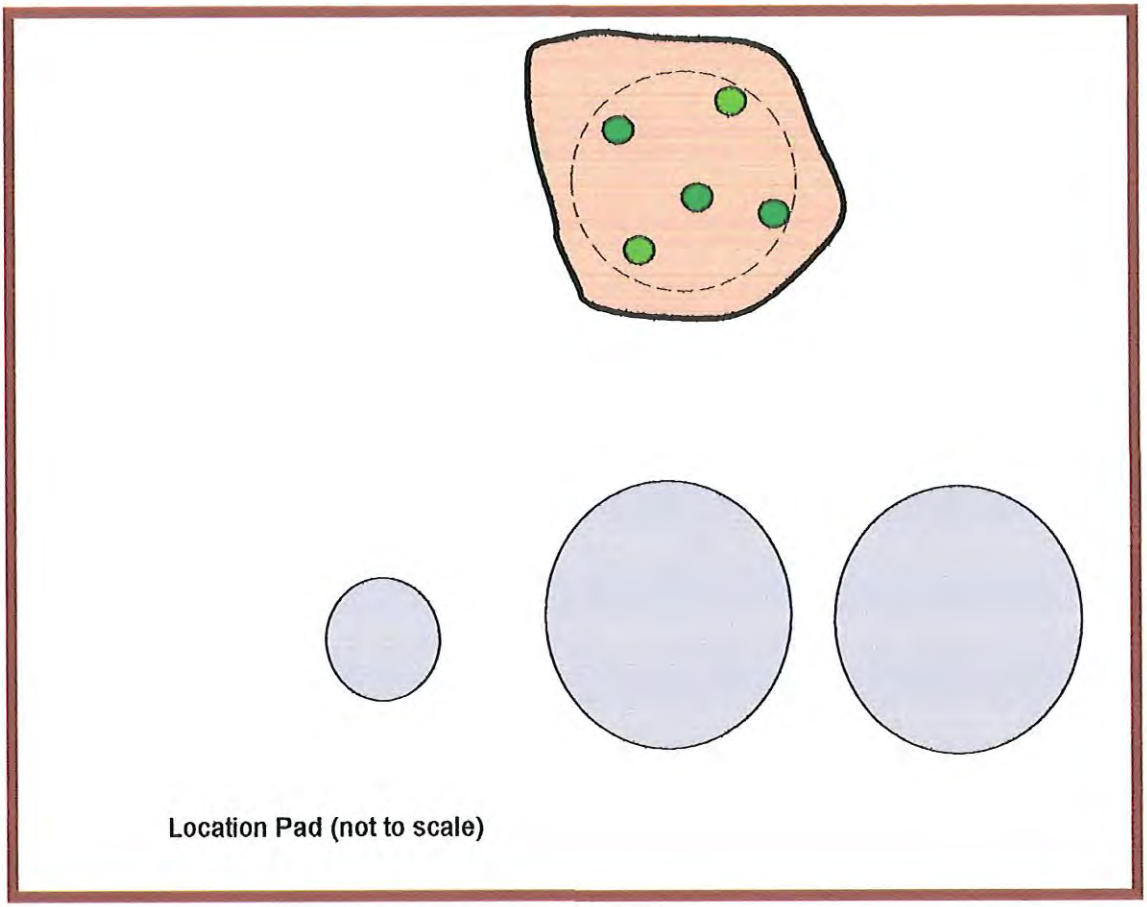
Additional excavation per the OCD closure requirements has been performed, approximately two (2) feet of materials from the sides and bottom were removed and taken to an OCD approved facility. Yates Petroleum Corporation requests installation of a cap prior to backfilling excavation and closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Enclosure(s)
/rca



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-001	6/3/2008	Grab/Composite	1'	<0.04	<1.0	<50.0	<51.0	2130
GS/Comp-002	6/3/2008	Grab/Composite	2'	<0.04	<1.0	<50.0	<51.0	2200
GS/Comp-001	6/11/2008	Grab/Composite	3'					992
GS/Comp-002	6/11/2008	Grab/Composite	4'					496

Site Ranking is Ten (10). Depth to Ground Water: 50-99' (approx. 75'). Results are ppm.

YATES PETROLEUM CORPORATION

White IU (Fee) Battery

Section 28 T18S-R26E

Eddy County, NM

EXHIBIT
Sample Diagram (Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Agent
June 13, 2008

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
8808 Camp Bowie Blvd. West, Suite 180 Ft. Worth, Texas 76116 817•201•5260 FAX 817•560•4336
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: June 11, 2008

Work Order: 8060433

Project Location: Eddy County, NM
Project Name: White IU (Fee) Battery
Project Number: 30-015-22322

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
161954	GS/Comp-001	soil	2008-06-03	11:13	2008-06-04
161955	GS/Comp-002	soil	2008-06-03	11:32	2008-06-04

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Certifications
Lubbock - NELAP T104704219-08-TX
El Paso - NELAP T104704221-08-TX

Standard Flags
B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project White IU (Fee) Battery were received by TraceAnalysis, Inc. on 2008-06-04 and assigned to work order 8060433. Samples for work order 8060433 were received intact at a temperature of 2.5 deg C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
BTEX	S 8021B
Chloride (Titration)	SM 4500-Cl B
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 8060433 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 161954 - GS/Comp-001

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	49178	Date Analyzed:	2008-06-09	Analyzed By:	DC
Prep Batch:	42245	Sample Preparation:	2008-06-09	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.967	mg/Kg	1	1.00	97	68 - 136.9
4-Bromofluorobenzene (4-BFB)		0.933	mg/Kg	1	1.00	93	48.2 - 155

Sample: 161954 - GS/Comp-001

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	49064	Date Analyzed:	2008-06-05	Analyzed By:	AR
Prep Batch:	42161	Sample Preparation:	2008-06-05	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**2130**	mg/Kg	50	2.00

Sample: 161954 - GS/Comp-001

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	49057	Date Analyzed:	2008-06-05	Analyzed By:	LD
Prep Batch:	42143	Sample Preparation:	2008-06-05	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		130	mg/Kg	1	100	130	10 - 250.4

Sample: 161954 - GS/Comp-001

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	49181	Date Analyzed:	2008-06-09	Analyzed By:	DC
Prep Batch:	42245	Sample Preparation:	2008-06-09	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.985	mg/Kg	1	1.00	98	67.5 - 135.2
4-Bromofluorobenzene (4-BFB)		0.949	mg/Kg	1	1.00	95	63.8 - 141

Sample: 161955 - GS/Comp-002

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	49178	Date Analyzed:	2008-06-09	Analyzed By:	DC
Prep Batch:	42245	Sample Preparation:	2008-06-09	Prepared By:	DC

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.974	mg/Kg	1	1.00	97	68 - 136.9
4-Bromofluorobenzene (4-BFB)		0.948	mg/Kg	1	1.00	95	48.2 - 155

Sample: 161955 - GS/Comp-002

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	49064	Date Analyzed:	2008-06-05	Analyzed By:	AR
Prep Batch:	42161	Sample Preparation:	2008-06-05	Prepared By:	AR

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**2200**		mg/Kg	50	2.00

Sample: 161955 - GS/Comp-002

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	49057	Date Analyzed:	2008-06-05	Analyzed By:	LD
Prep Batch:	42143	Sample Preparation:	2008-06-05	Prepared By:	LD

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		110	mg/Kg	1	100	110	10 - 250.4

Sample: 161955 - GS/Comp-002

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	49181	Date Analyzed:	2008-06-09	Analyzed By:	DC
Prep Batch:	42245	Sample Preparation:	2008-06-09	Prepared By:	DC

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.996	mg/Kg	1	1.00	100	67.5 - 135.2
4-Bromofluorobenzene (4-BFB)		0.964	mg/Kg	1	1.00	96	63.8 - 141

Method Blank (1) QC Batch: 49057

QC Batch: 49057 | Date Analyzed: 2008-06-05 | Analyzed By: LD
Prep Batch: 42143 | QC Preparation: 2008-06-05 | Prepared By: LD

Parameter	Flag	MDL Result	Units	RL
DRO		20.1	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		88.5	mg/Kg	1	100	88	30.9 - 146.4

Method Blank (1) QC Batch: 49064

QC Batch: 49064 | Date Analyzed: 2008-06-05 | Analyzed By: AR
Prep Batch: 42161 | QC Preparation: 2008-06-05 | Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Method Blank (1) QC Batch: 49178

QC Batch: 49178 | Date Analyzed: 2008-06-09 | Analyzed By: DC
Prep Batch: 42245 | QC Preparation: 2008-06-09 | Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00110	mg/Kg	0.01
Toluene		<0.00150	mg/Kg	0.01
Ethylbenzene		<0.00160	mg/Kg	0.01
Xylene		<0.00410	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.992	mg/Kg	1	1.00	99	48.3 - 132.5
4-Bromofluorobenzene (4-BFB)		0.974	mg/Kg	1	1.00	97	37.7 - 128.9

Method Blank (1) QC Batch: 49181

QC Batch: 49181 | Date Analyzed: 2008-06-09 | Analyzed By: DC
Prep Batch: 42245 | QC Preparation: 2008-06-09 | Prepared By: DC

Parameter	Flag	MDL Result	Units	RL
GRO		<0.739	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	1	1.00	102	39.2 - 135.2
4-Bromofluorobenzene (4-BFB)		0.988	mg/Kg	1	1.00	99	16.8 - 138.1

Laboratory Control Spike (LCS-1)

QC Batch: 49057 | Date Analyzed: 2008-06-05 | Analyzed By: LD
Prep Batch: 42143 | QC Preparation: 2008-06-05 | Prepared By: LD

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	264	mg/Kg	1	250	20.1	98	27.8 - 152.1

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	251	mg/Kg	1	250	20.1	92	27.8 - 152.1	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	100	91.9	mg/Kg	1	100	100	92	38 - 130.4

Laboratory Control Spike (LCS-1)

QC Batch: 49064 | Date Analyzed: 2008-06-05 | Analyzed By: AR
Prep Batch: 42161 | QC Preparation: 2008-06-05 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	97.2	mg/Kg	1	100	<0.500	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	99.0	mg/Kg	1	100	<0.500	99	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 49178 | Date Analyzed: 2008-06-09 | Analyzed By: DC
Prep Batch: 42245 | QC Preparation: 2008-06-09 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.893	mg/Kg	1	1.00	<0.00110	89	73.3 - 116.6
Toluene	0.899	mg/Kg	1	1.00	<0.00150	90	78.6 - 115.1
Ethylbenzene	0.899	mg/Kg	1	1.00	<0.00160	90	77.4 - 114.9
Xylene	2.69	mg/Kg	1	3.00	<0.00410	90	78.2 - 114.7

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.927	mg/Kg	1	1.00	<0.00110	93	73.3 - 116.6	4	20
Toluene	0.931	mg/Kg	1	1.00	<0.00150	93	78.6 - 115.1	4	20
Ethylbenzene	0.932	mg/Kg	1	1.00	<0.00160	93	77.4 - 114.9	4	20
Xylene	2.79	mg/Kg	1	3.00	<0.00410	93	78.2 - 114.7	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.998	0.989	mg/Kg	1	1.00	100	99	45 - 124.2
4-Bromofluorobenzene (4-BFB)	0.990	0.974	mg/Kg	1	1.00	99	97	47.2 - 130.4

Laboratory Control Spike (LCS-1)

QC Batch: 49181 | Date Analyzed: 2008-06-09 | Analyzed By: DC
Prep Batch: 42245 | QC Preparation: 2008-06-09 | Prepared By: DC

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	9.65	mg/Kg	1	10.0	<0.739	96	57.5 - 106.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	10.2	mg/Kg	1	10.0	<0.739	102	57.5 - 106.4	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.05	1.06	mg/Kg	1	1.00	105	106	63.8 - 134.3
4-Bromofluorobenzene (4-BFB)	1.04	1.05	mg/Kg	1	1.00	104	105	53.3 - 123.6

Matrix Spike (MS-1) Spiked Sample: 161908

QC Batch: 49057 | Date Analyzed: 2008-06-05 | Analyzed By: LD
Prep Batch: 42143 | QC Preparation: 2008-06-05 | Prepared By: LD

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	1440	mg/Kg	5	250	1118.46	129	18 - 179.5

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	1380	mg/Kg	5	250	1118.46	105	18 - 179.5	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane [1] [2]	339	234	mg/Kg	5	100	339	234	34.1 - 158

Matrix Spike (MS-1) Spiked Sample: 161957

QC Batch: 49064 | Date Analyzed: 2008-06-05 | Analyzed By: AR
Prep Batch: 42161 | QC Preparation: 2008-06-05 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	5030	mg/Kg	50	5000	<25.0	101	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	5070	mg/Kg	50	5000	<25.0	101	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 161960

QC Batch: 49178 | Date Analyzed: 2008-06-09 | Analyzed By: DC
Prep Batch: 42245 | QC Preparation: 2008-06-09 | Prepared By: DC

continued ...

[1] High surrogate recovery due to peak interference.
[2] High surrogate recovery due to peak interference.

matrix spikes continued ...

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene [3]	1.82	mg/Kg	1	1.00	<0.00110	182	62.2 - 134.3
Toluene [4]	1.87	mg/Kg	1	1.00	<0.00150	187	62.6 - 145.4
Ethylbenzene [5]	1.90	mg/Kg	1	1.00	<0.00160	190	64.6 - 146.4
Xylene [6]	5.71	mg/Kg	1	3.00	<0.00410	190	64.3 - 148.8

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene [7]	1.64	mg/Kg	1	1.00	<0.00110	164	62.2 - 134.3	10	20
Toluene [8]	1.68	mg/Kg	1	1.00	<0.00150	168	62.6 - 145.4	11	20
Ethylbenzene [9]	1.70	mg/Kg	1	1.00	<0.00160	170	64.6 - 146.4	11	20
Xylene [10]	5.09	mg/Kg	1	3.00	<0.00410	170	64.3 - 148.8	12	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.967	0.924	mg/Kg	1	1	97	92	38.8 - 127.5
4-Bromofluorobenzene (4-BFB)	0.957	0.906	mg/Kg	1	1	96	91	49.3 - 142.4

Matrix Spike (MS-1) Spiked Sample: 161949

QC Batch: 49181 | Date Analyzed: 2008-06-09 | Analyzed By: DC
Prep Batch: 42245 | QC Preparation: 2008-06-09 | Prepared By: DC

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	11.6	mg/Kg	1	10.0	<0.739	116	10 - 139.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO [11]	20.4	mg/Kg	1	10.0	<0.739	204	10 - 139.3	55	20

[3] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[4] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[5] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[6] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[7] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[8] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[9] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[10] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[11] Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.08	1.09	mg/Kg	1	1	108	109	21.3 - 119
4-Bromofluorobenzene (4-BFB)	1.05	1.06	mg/Kg	1	1	105	106	52.5 - 154

Standard (CCV-1)

QC Batch: 49057 Date Analyzed: 2008-06-05 Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	280	112	85 - 115	2008-06-05

Standard (CCV-2)

QC Batch: 49057 Date Analyzed: 2008-06-05 Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	284	114	85 - 115	2008-06-05

Standard (ICV-1)

QC Batch: 49064 Date Analyzed: 2008-06-05 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.6	100	85 - 115	2008-06-05

Standard (CCV-1)

QC Batch: 49064 Date Analyzed: 2008-06-05 Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2008-06-05

Standard (ICV-1)

QC Batch: 49178 Date Analyzed: 2008-06-09 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0979	98	85 - 115	2008-06-09
Toluene		mg/Kg	0.100	0.0985	98	85 - 115	2008-06-09
Ethylbenzene		mg/Kg	0.100	0.0955	96	85 - 115	2008-06-09
Xylene		mg/Kg	0.300	0.285	95	85 - 115	2008-06-09

Standard (CCV-1)

QC Batch: 49178 Date Analyzed: 2008-06-09 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0879	88	85 - 115	2008-06-09
Toluene		mg/Kg	0.100	0.0884	88	85 - 115	2008-06-09
Ethylbenzene		mg/Kg	0.100	0.0881	88	85 - 115	2008-06-09
Xylene		mg/Kg	0.300	0.264	88	85 - 115	2008-06-09

Standard (ICV-1)

QC Batch: 49181 Date Analyzed: 2008-06-09 Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.08	108	85 - 115	2008-06-09

Standard (CCV-1)

QC Batch: 49181 Date Analyzed: 2008-06-09 Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.939	94	85 - 115	2008-06-09

LAB Order ID # 80600433 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com
5002 Basin Street, Suite E Midland, Texas 79703
Tel (432) 689-6301 Fax (432) 689-6313

Company Name: Yates Petroleum Corporation	Phone #: 505-748-4217
Address: (Street, City, Zip) 105 South Fourth Street, Artesia, NM 88210	Fax #: 505-748-4662
Contact Person: Robert Asher	E-mail: boba@ypcnm.com
Invoice to: PO# 105632	
Project #: 30-015-22322	Project Name: White IU (Fee) Battery
Project Location: Eddy County	Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
161954	GS/Comp-001	1	4oz.		X							X		6/3/08	11:13 AM
955	GS/Comp-002	1	4oz.		X							X		6/3/08	11:32 PM

ANALYSIS REQUEST (Circle or Specify Method No.)

	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 / TX1005 Extended (C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Chlorides			Turn Around Time if different from standard	Hold
161954		X		X														X				
955		X		X														X				

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
RCA/UPC		6/3/2008	2:22 PM	Helen Shelton	TRACE	06/04/08	10:20	2.5°

LAB USE ONLY: Intact Y/N; Headspace Y/N (NA); 2.5 °; Log-in Review

REMARKS: TPH: 8015 GRO/DRO, BTX8021B and Chlorides. Please show results as mg/kg. Thank you. all tests - Midland

☐ Check If Special Reporting Limits Are Needed

Carrier # Fed Ex 7982-4860-7731

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

ORIGINAL COPY

YATES PETROLEUM CORPORATION

105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

June 13, 2008

I certify that on 6/11/2008, tests were conducted on soil samples from the following location:

White IU (Fee) Battery

Following are the results of testing.

EPA Method 9253 GS/Comp-001 – 992 ppm

EPA Method 9253 GS/Comp-002 – 496 ppm

All testing was conducted at Yates Petroleum Corporation.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202758401
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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.

Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr

Signature: Amber Griffin Date: 8/8/2022

email: Amber_Griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 11/28/2022

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Robert Hamlet Date: 11/28/2022

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

Action 132091

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	7377
	Action Number: 132091
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. If SVE is implemented, please contact the OCD for guidance. The work will need to occur in 90 days after the work plan has been approved.	11/28/2022