

EOG Resources, Inc. Artesia Division Office 104 S. 4th Street Artesia, N. M. 88210

October 31, 2023

NMOCD District II 506 W. Texas Artesia, NM 88210

Re: Jackson B #57 30-015-41003 L-1-17S-30E Eddy County, NM nAB1900435050

EOG Resources, Inc. is submitting the enclosed Closure Report for the above-referenced site. The Closure Report is being submitted requesting closure of Incident #nAB1900435050.

If you have any questions, feel free to call me at (575) 748-1471.

Respectfully,

Chase Settle

Chase Settle Rep Safety & Environmental Sr EOG Resources, Inc.



October 31, 2023

Page 2 of 368

Jackson B #57

Closure Report

L-1-17S-30E

Eddy County, NM

October 31, 2023

nAB1900435050

Jackson B #57

Closure Report



October 31, 2023

nAB19004	435050	
I.	Table of Contents	1
II.	Background	1
III.	Scope of Work Completed	1
IV.	Confirmation Results	2
V.	Conclusion	2

Figures:

Figure 1: Site Map

Figure 2:	Confirmation	Sample Map
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Figure 3: Treatment Well Map

Table 1: Sample Results Table

Appendices

Appendix A: C-141 Forms

Appendix B: Analytical Reports

Appendix C: Bore Logs

Appendix D: Site Photographs

Appendix E: Agency Correspondence



October 31, 2023

I. Location

From the intersection of US HWY 82 and Square Lake Road (CR 220), head north on Square Lake Road for 3.2 miles, the release point is the flow line sleeve under the county road.

II. Background

A release was discovered on December 1, 2018, from the Jackson B #57 poly flow line that runs through a sleeve under Square Lake Road (CR 220) to the gathering facility. The release consisted of 2 B/CO and 6 B/PW with 2 B/CO and 5 B/PW recovered. A contractor was obtained to excavate soils that were impacted by the release. Approximately 67 cubic yards of soil were excavated, 22 cubic yards from the excavation named #1 on the east side of Square Lake Road and 45 cubic yards from the excavation named #2 on the west side of Square Lake Road, leaving both sites excavated to approximately six (6) feet below grade surface (bgs). All excavated soil was sent to a NMOCD approved disposal facility. The affected area in #1 was approximately ten (10) feet and #2 was approximately twenty (20) feet by ten (10) feet. Initial vertical and horizontal soil sampling was conducted at the location with use of a backhoe on January 29, 2019.

Due to the presence of active flow lines, the asphalt county road, and the area consisting of sand soils, vertical delineation was unable to be accomplished through traditional mechanical methods. To fully delineate the sites, EOG Resources, Inc. installed a Geosynthetic Clay Liner (GCL) under the flow lines and road sleeve at six (6) feet bgs due to the completion of the horizontal confirmation sampling for the excavated areas. The GCL was installed to prevent any further vertical movement of contaminants including the chloride issues identified in the #2 excavation area. The two excavated areas (#1 and #2) were backfilled with caliche to grade to create a flat, stable surface with the ability to support an Air Rotary Core Rig. With the flow line positions clearly marked after excavation, EOG was able to safely complete vertical delineation of the release areas. Once the bottom of impaction was determined, slotted 3-inch PVC pipe was installed into the bore holes to serve as a gravity flow mechanism for a microbial bioremediation product, Rigby Taylor (RT) Remediact into the impacted areas to perform in situ remediation. Approximately one (1) gallon of the mixed product was used for every estimated cubic yard of impacted soil. The ratio of RT Remediact mixed with fresh water was 1 to 10.

II. Scope of Work Completed

The initial excavation was lined with a Geosynthetic Clay Liner and backfilled with similar type topsoil on May 17, 2019. Then a core rig was contracted to perform soil sampling activities and install treatment wells for gravitational flow injection of RT Remediact to begin bioremediation of the impacted soils. On June 25 and 26, 2019, samples were taken with treatment wells completed once sampling was concluded. There were 8 treatment wells installed at the site, 4 in each of the 2 designated release areas consisting of 3-inch slotted PVC pipe. The wells in the #1 area were set as follows: 1-1 was set to 40 feet below grade surface (bgs), 1-2 was set to 65 feet bgs, 1-3 was set to 60 feet bgs, 1-4 was set to 35 feet bgs. The wells in the #2 area were set as follows: 2-1 was set to 35 feet bgs, 2-2 was set to 35 feet bgs, 2-3 was set to 35 feet bgs, and 2-4 was set to 35 feet bgs. Figure 3, Treatment Well Map, displays all 12 of the treatment wells installed, 6 at each site.



October 31, 2023

Treatment of the impacted soils was conducted on July 14, 2019. This consisted of mixing RT Remediact with fresh water to create the prescribed mixture ratio provided by the manufacturer at a 1:10 ratio. The total mixed volume was 1650 gallons, 150 gallons RT Remediact and 1500 gallons of fresh water. Treatments were spread over 3 days, with 550 gallons gravitationally injected on each day between all 8 treatment wells.

On October 15 and 16, 2019, confirmation sampling was conducted using the guidelines from the approved work plan. During the confirmation sampling, it was determined rather quickly that the impacted soils hadn't been fully remediated. It was also discovered that the soils at deeper depths had a distinct smell of the remediation product where the soils above did not display that distinct odor. It was determined to turn the confirmation sample bore holes into additional treatment wells, but to set them at shallower depths. In the #1 Area the 1-1C bore hole was drilled between the 1-1 and 1-3 initial sample points, and the 1-2C bore hole was drilled between the 1-2 and 1-4 initial sample points. Area #2 followed the same pattern with 2-1C being between 2-1 and 2-3, and 2-2C being between 2-2 and 2-4. 1-1C was set to 45 feet bgs, 1-2C was set to 25 feet bgs, 2-1C was set to 20 feet bgs, and 2-2C was set to 20 feet bgs. Due to the number of treatment wells in each area and the active flow lines, a request to reduce the number of confirmation borings down to one (1) was approved by NMOCD on November 6, 2019.

Further treatment occurred March 16-18, 2020, following the same methods and steps as in July 2019, with 1500 gallons of the RT Remediation mixture being applied over 3 days. This consisted of gravitational flow of the mixture down all 12 bore holes with 550 gallons used during each application. On October 26, 2020, after delay due to Covid-19 risks and restrictions, a core rig was contracted to assist with collection of confirmation samples. As displayed in the Sample Results Table below, impacts remained in the soils which extended the remedial timeline required.

In 2021, due to new internal division guidance, this project was moved under the supervision of an environmental consultant, GHD. With two (2) treatments already completed for the site in 2019 and 2020, additional treatment of the wells occurred August 23-25, 2021. The treatment was completed in the same manner as previously completed, with 1650 gallons of RT Remediact mixture applied gravitationally to the 12 treatment wells over a 3-day period. On January 6, 2022, GHD and a contracted core rig performed confirmation sampling which encountered similar results as the previously sampling events indicating that impacts remained above closure criteria. These results are included in the Sample Results Table.

In 2022, GHD suggested an alternate strategy for treating the site which correlated with other bioremediation/vent well projects which were under their supervision. This consisted of injecting the wells with RT Remediact every 2 weeks for 12 weeks, totaling six separate treatments. The site treatment began on August 22, 2022, continuing through to October 24, 2022. The evolved treatment included the injection of 440 gallons of mixed RT Remediact (40 gallons) and fresh water (400 gallons) for all 6 treatment events. On November 15, 2022, GHD performed confirmation sampling, advancing 2 borings collecting samples in 5-foot intervals, with laboratory results indicating that closure criteria were still unmet.

Under new guidance from within GHD, a plan to continue remedial injection with RT Remediact was modified to include treatment on a 3-week schedule versus the 2-week schedule previously enacted. The 3-week schedule called for the same volume, 440 gallons of the mixture (RT Remediact and fresh water), to be injected gravitationally over 18 weeks for 6 separate energy opportunity growth



October 31, 2023

Page 6 of 368

treatments. On April 19, 2023, GHD performed further confirmation sampling. With a contracted core rig, 2 borings were advanced collecting samples in 5-foot intervals with one boring completed in each area. Laboratory results indicated that the east area (Area #1) was almost at the criteria for closure with only the CB-1A 35' sample being above criteria. The west area (Area #2) still showed further impacts requiring bioremediation.

Based on the amount of time the RT Remediact had been active within the soil, it was determined to attempt using a different microbial strain in the next round of injection. The basis behind the change was that introduction of a new microbial strain from a different manufacturer may break the carbon chains that had built up a tolerance or were otherwise unaffected by RT Remediact. A readily available alternative strain, Micro-Blaze (MB), was used for injection into the treatment wells. The injection reverted to the previous method of every 2 weeks for 12 weeks. Since the manufacturer recommendation for MB is a 1:10 ratio of MB to fresh water, treatment again consisted of 440 gallons of mixed product being injected during each of the 6 separate treatment applications. Treatment activities began on June 26,2023 and were completed on September 4, 2023.

III. Confirmation Results

On September 27, 2023, GHD along with a contracted core rig advanced two soil borings (CB-1B & CB-2B) for the purpose of collecting confirmation soil samples within the bioremediation areas. Samples were collected in 5-foot intervals beginning at 10 feet below ground surface (bgs) at both sample locations. CB-1B was completed in the east remediation area (Area #1) and CB-2B was completed in the west remediation area (Area #2). CB-1B was advanced to a depth of 75 feet bgs and CB-2B was advanced to a depth of 50 feet bgs. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified, and chloride by EPA Method 300 by a third-party laboratory, Envirotech Inc. in Farmington, New Mexico.

All sample results returned below Table 1 Closure Criteria for a site with groundwater depth greater than 100 feet. Figure 2, Confirmation Sample Map, depicts the locations of the confirmation borings. Analytical results are provided in Table 1 with the laboratory reports included in Appendix B.

IV. Conclusion

Site characterization, delineation, and remediation have been completed for Incident nAB1900435050 in accordance with applicable NMOCD guidance and regulations. Based upon the supporting documentation which exhibits that soil impact concentrations are below Table 1 closure criteria, EOG respectfully requests closure of nAB1900435050.

If you have any questions or comments concerning this Closure Report, please do not hesitate to contact me at (575) 748-1471.

Chase Settle

Chase Settle S&E Rep Sr Chase_Settle@eogresources.com



October 31, 2023

Figure 1 Site Map



Filename: N/US/MidlandlProjects/562/12587914/Digital Design/ACAD/Figures/PRE001/12587914-GHD-00-00-PRE-EN-D101_DE-001.dwg
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October 31, 2023

Figure 2 Confirmation Sample Map











SITE DETAILS MAP FIGURE 2 Image Source: Microsoft Product Screen Shot(s) Reprinted with permission from Microsoft Corporation, Accessed: 2023



October 31, 2023

Figure 3 Treatment Well Map

energy opportunity growth

Page 11 of 368





October 31, 2023

Table 1Sample Results Table

Sample ID Sample Date Depth (ft bgs) Benzene Toluene Ethylbenzene Xylenes BTEX GRO(C6-C10) DRO(C10-C28) GRO + DRO MRO (C24) Sample ID Date Depth (ft bgs) mg/kg	GR0/DR0/MR0	Chloride mg/kg
Sample ID Date (ft bgs) mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Table I Closure Criteria for Soils >100 ft Depth to Groundwater 19.15.29 NMAC 10 mg/kg 50 mg/kg 1,000 mg/kg		
10 mg/kg 50 mg/kg 1,000 mg/kg	2,500 mg/kg	
	2,500 mg/kg	
Confirmation Soil Samplas		20,000 mg/kg
Commination Son Samples		
CB-1B 9/27/2023 10 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 15 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	45.4
CB-1B 9/27/2023 20 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	54.5
CB-1B 9/27/2023 25 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 30 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	22.4
CB-1B 9/27/2023 35 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 40 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 45 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 50 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 55 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 60 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 65 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 70 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-1B 9/27/2023 75 <0.025 <0.025 <0.025 <0.025 <0.025 <20 286 286 352	638	<20
CB-2B 9/27/2023 10 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	197
CB-2B 9/27/2023 15 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	91.7
CB-2B 9/27/2023 20 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	43
CB-2B 9/27/2023 25 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	598
CB-2B 9/27/2023 30 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	5070
CB-2B 9/27/2023 35 <0.025 0.422 1.04 1.44 2.90 24.5 298 322.5 89.6		5500
CB-2B 9/27/2023 40 0.045 1.11 1.85 2.33 5.34 67.9 215 282.9 60.33	343	7300
CB-2B 9/27/2023 45 0.0765 0.0905 0.035 <0.025 0.20 <20 <25 <25 <50	<50	9260
CB-2B 9/27/2023 50 0.145 0.0995 <0.025 0.2445 <20 <25 <25 <50	<50	1380
CB-1A 4/19/2023 10 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.0	<50	97
CB-1A 4/19/2023 15 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.0	<50	60.9
CB-1A 4/19/2023 20 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.0	<50	44.2
CB-1A 4/19/2023 25 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	38.7
CB-1A 4/19/2023 30 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	23.9
CB-1A 4/19/2023 35 <0.025 0.815 2.65 3.4 6.865 114 1730 1844 <50	1844	<20
CB-1A 4/19/2023 40 <0.025 0.0895 0.286 0.376 0.7515 28.8 429 457.8 12	469.8	<20
CB-1A 4/19/2023 45 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <td>90.5</td> <td><20</td>	90.5	<20
CB-1A 4/19/2023 50 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <td>57.7</td> <td><20</td>	57.7	<20
CB-1A 4/19/2023 55 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <td>26.7</td> <td><20</td>	26.7	<20
CB-1A 4/19/2023 60 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <td>35.3</td> <td><20</td>	35.3	<20
CB-1A 4/19/2023 65 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.0	26.6	<20
CB-1A 4/19/2023 70 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <td>39.2</td> <td><20</td>	39.2	<20
CB-1A 4/19/2023 75 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	<20
CB-2A 4/19/2023 10 <0.025 <0.025 <0.025 <0.025 <0.025 <20 <25 <25 <50	<50	240

								Total Petroleum Hydrocarbons (TPH)						
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride	
Sample ID	Date	(ft bgs)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
						Table I Closu	re Criteria for	Soils >100 ft Dep	oth to Groundwat	er 19.15.29 NM/	AC			
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg	
CB-2A	4/19/2023	15	<0.025	<0.025	<0.025	<0.025	<0.025	<20	<25	<25	<50	<50	82.7	
CB-2A	4/19/2023	20	<0.025	<0.025	<0.025	<0.025	<0.025	<20	<25	<25	<50	<50	137	
CB-2A	4/19/2023	25	<0.025	<0.025	<0.025	<0.025	<0.025	<20	29.2	29.2	<50	29.2	79.4	
CB-2A	4/19/2023	30	<0.025	0.375	0.896	1.11	2.38	43.8	949	992.8	316	1308.8	61.9	
CB-2A	4/19/2023	35	0.455	8.51	13.4	15.2	37.57	370	3710	4080	1120	5200	47.2	
CB-2A	4/19/2023	40	0.9	14	19.5	22.5	56.9	588	5310	5898	<50	5898	45.9	
CB-2A	4/19/2023	45	0.913	10.4	11.9	13.3	36.51	381	4230	4611	<50	4611	318	
CB-2A	4/19/2023	50	10.6	47.9	38.5	39.3	136.3	766	6850	7616	<50	7616	4500	
CB-1	11/15/2022	10	<0.025	0.0277	<0.025	<0.025	0.0277	<20	84	84	<50	84	242	
CB-1	11/15/2022	15	<0.025	<0.025	<0.025	<0.025	<0.025	<20	107	107	<50	107	123	
CB-1	11/15/2022	20	<0.025	<0.025	<0.025	<0.025	<0.025	<20	<25	<25	<50	<50	70.1	
CB-1	11/15/2022	25	0.254	4.32	6.52	9.24	20.33	142	1660	1802	522	2324	95.7	
CB-1	11/15/2022	30	2.78	27.4	28.2	40.2	98.58	527	6370	6897	2140	9037	40.8	
CB-1	11/15/2022	35	2.78	24.4	25	37.9	90.08	632	4930	5562	1680	7242	<20	
CB-1	11/15/2022	40	2.53	23.7	30.6	44.6	101.43	689	5650	6339	1780	8119	<20	
CB-1	11/15/2022	45	1.25	12.5	12.1	14.7	40.55	244	2320	2564	775	3339	<20	
CB-1	11/15/2022	50	0.959	8.11	7.56	9.19	25.819	173	1690	1863	538	2401	<20	
CB-1	11/15/2022	55	0.49	5.47	5.79	7.25	19	131	1230	1361	419	1780	<20	
CB-1	11/15/2022	60	0.352	5.08	5.97	7.49	18.892	130	1020	1150	353	1503	<20	
CB-1	11/15/2022	65	<0.025	0.167	0.281	0.423	0.871	<20	187	187	72.4	259.4	<20	
CB-1	11/15/2022	70	<0.025	0.0414	0.138	0.189	0.3684	<20	256	256	94.6	350.6	<20	
CB-1	11/15/2022	75	<0.025	0.0258	0.0932	0.147	0.266	<20	288	288	119	407	<20	
CB-2	11/15/2022	10	<0.025	<0.025	<0.025	<0.025	<0.025	<20	<25	<25	<50	<50	1,890	
CB-2	11/15/2022	15	<0.025	<0.025	<0.025	<0.025	<0.025	<20	<25	<25	<50	<50	1,230	
CB-2	11/15/2022	20	<0.025	<0.025	<0.025	<0.025	<0.025	<20	<25	<25	<50	<50	3,740	
CB-2	11/15/2022	25	16	79.3	63.8	74.5	233.6	1200	8700	9900	2840	12740	739	
CB-2	11/15/2022	30	2.65	26	31.9	42.3	102.85	710	5450	6160	1780	7940	1,120	
CB-2	11/15/2022	35	5.21	37.1	36.9	47.1	126.31	801	5800	6601	1900	8501	1,520	
CB-2	11/15/2022	40	4.12	24.8	19.7	24.2	72.82	423	3060	3483	1410	4893	6,280	
CB-2	11/15/2022	45	15.9	61.3	52.9	63.1	193.2	1040	11300	12340	5050	17390	525	
CB-2	11/15/2022	50	7.24	34.1	27.4	31.4	100.14	524	5280	5804	2790	8594	188	
A1	1/6/2022	10	3.3	64	59	68	194.3	1200	3800	5000	1200	6200	86	
A1	1/6/2022	15	5.2	68	56	61	190.2	1100	3700	4800	1100	5900	73	
A1	1/6/2022	20	6.1	96	89	97	288.1	1800	6600	8400	2200	10600	79	
A1	1/6/2022	25	14	99	68	67	248	1400	4500	5900	1600	7500	2000	
A1	1/6/2022	30	2.9	68	61	64	195.9	1100	3900	5000	1400	6400	2000	
A1	1/6/2022	35	5.5	82	66	70	223.5	1300	4800	6100	1700	7800	840	
A1	1/6/2022	40	3.1	61	52	52	168.1	950	3200	4150	1200	5350	1100	
A1	1/6/2022	45	52	170	95	93	410	2500	4300	6800	1400	8200	<60	

								Total Petroleum Hydrocarbons (TPH)					
Sample ID	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	mg/kg	mg/kg	mg/kg	mg/kg Table I Closu	mg/kg re Criteria for S	mg/kg Soils >100 ft Dep	mg/kg oth to Groundwat	mg/kg er 19.15.29 NM/	mg/kg AC	mg/kg	mg/kg
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
A1	1/6/2022	75	0.22	4.1	8.3	11	23.62	200	1700	1900	620	2520	210
A2	1/6/2022	10	<0.12	<0.24	<0.24	<0.48	<0.48	<24	13	13	<43	13	18000
A2	1/6/2022	15	0.22	1.1	1.2	15	17.52	290	1900	2190	670	2860	4500
A2	1/6/2022	20	0.12	0.53	0.24	1.7	2.59	54	1300	1354	640	1994	8500
A2	1/6/2022	25	2.0	70	55	65	192	1200	3000	4200	980	5180	8900
A2	1/6/2022	30	2.2	71	62	74	209.2	1200	4100	5300	1400	6700	8500
A2	1/6/2022	35	2.4	39	40	43	124.4	940	3400	4340	1200	5540	9500
A2	1/6/2022	40	51	190	110	110	461	2600	8600	11200	3100	14300	12000
A2	1/6/2022	45	220	590	270	290	1370	6700	18000	24700	7300	32000	9600
A2	1/6/2022	50	1.0	20	21	25	67	540	1100	1640	600	2240	74
						EOG	Sample Result	s					
						Confirma	tion Sample Re	sults					
1C2-10'	10/26/2020	10	20	110	74	72	276	1800	3800	5600	1800	7400	2800
1C2-15'	10/26/2020	15	30	210	150	140	530	2800	7000	9800	3300	13100	2300
1C2-20'	10/26/2020	20	9	89	63	100	261	2200	6500	8700	5900	14600	840
1C2-25'	10/26/2020	25	4.4	45	39	55	143.4	1100	8100	9200	4300	13500	3200
1C2-30'	10/26/2020	30	95	310	160	160	725	3900	7600	11500	3500	15000	2300
1C2-35'	10/26/2020	35	130	450	230	210	1020	5100	11000	16100	8000	24100	3100
1C2-40'	10/26/2020	40	64	260	160	160	644	3800	8000	11800	4700	16500	1500
1C2-45'	10/26/2020	45	8	48	36	36	128	790	1300	2090	650	2740	ND
1C2-50'	10/26/2020	50	7.8	52	33	40	132.8	1100	1600	2700	680	3380	ND
1C2-55'	10/26/2020	55	16	80	54	58	208	1800	3000	4800	1400	6200	ND
1C2-60'	10/26/2020	60	13	79	56	59	207	2100	2600	4700	1300	6000	61
1C2-65'	10/26/2020	65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1C2-70'	10/26/2020	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1C2-75'	10/26/2020	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2C2-10'	10/26/2020	10	1.1	15	8.2	23	47.3	600	5200	5800	2300	8100	350
2C2-15'	10/26/2020	15	0.99	22	14	27	63.99	650	4900	5550	2300	7850	110
2C2-20'	10/26/2020	20	0.62	12	7.4	24	44.02	700	5100	5800	2700	8500	1500
2C2-25'	10/26/2020	25	0.53	7.7	8.8	13	30.03	350	2600	2950	1600	4550	4400
2C2-30'	10/26/2020	30	18	140	92	94	344	2300	5500	7800	2700	10500	6400
2C2-35'	10/26/2020	35	0.74	13	13	14	40.74	310	960	1270	720	1990	13000
2C2-40'	10/26/2020	40	7.8	47	35	35	124.8	820	2100	2920	1100	4020	15000
2C2-50'	10/26/2020	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-1C-10'	10/19/2019	10	32.5	165	101	108	406.5	1630	2610	4240	344	4584	224
1-1C-15'	10/19/2019	15	103	345	183	180	811	3320	5100	8420	657	9077	1540
1-1C-20'	10/19/2019	20	49.4	164	95.1	97.3	405.8	3060	5580	8640	887	9527	96
1-1C-25'	10/19/2019	25	55.7	159	88.8	91	394.5	1850	3330	5180	491	5671	12800
1-1C-30'	10/19/2019	30	90.1	258	141	143	632.1	1160	1270	2430	191	2621	704
1-1C-35'	10/19/2019	35	8.57	41.1	37.4	43.7	130.77	322	942	1264	106	1370	608
1-1C-40'	10/19/2019	40	32.6	142	86.5	105	366.1	3050	7340	10390	1140	11530	1440
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				Total Petroleum Hydrocarbons (TPH)									
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						Table I Closu	re Criteria for	Soils >100 ft Dep	oth to Groundwat	er 19.15.29 NM/	AC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
1-1C-45'	10/19/2019	45	16.9	81.9	58	63.8	220.6	1480	3000	4480	355	4835	736
1-1C-50'	10/19/2019	50	38.5	131	81	83.5	334	2130	3810	5940	575	6515	5040
1-1C-55'	10/19/2019	55	3.77	16.6	13.4	14.7	48.47	146	743	889	107	996	416
1-1C-60'	10/19/2019	60	58.8	202	121	125	506.8	6260	11000	17260	1760	19020	32
1-1C-75'	10/19/2019	75	0.558	0.914	0.591	0.779	2.842	20.9	250	270.9	45	315.9	160
1-2C-10'	10/19/2019	10	114	327	168	159	768	6690	10100	16790	1610	18400	1780
1-2C-15'	10/19/2019	15	117	337	182	174	810	5080	8280	13360	1330	14690	1650
1-2C-20'	10/19/2019	20	33.1	150	98.5	103	384.6	2850	5510	8360	847	9207	208
1-2C-25'	10/19/2019	25	42.8	125	68.9	68.6	305.3	1160	1730	2890	213	3103	2800
1-2C-30'	10/19/2019	30	97.8	304	168	171	740.8	5710	8870	14580	1410	15990	624
1-2C-35'	10/19/2019	35	136	399	212	205	952	7910	11900	19810	1950	21760	224
1-2C-40'	10/19/2019	40	93.5	264	165	176	698.5	4350	7000	11350	1030	12380	256
1-2C-45'	10/19/2019	45	15.2	43.8	30.1	33.1	122.2	287	716	1003	107	1110	208
1-2C-50'	10/19/2019	50	112	307	188	197	804	5040	7980	13020	1220	14240	32
1-2C-55'	10/19/2019	55	66.4	203	132	150	551.4	2790	4870	7660	739	8399	32
1-2C-60'	10/19/2019	60	0.633	0.633	0.17	0.181	1.617	ND	ND	ND	ND	ND	16
1-2C-65'	10/19/2019	65	0.48	0.668	0.193	ND	1.47	ND	ND	ND	ND	ND	32
1-2C-70'	10/19/2019	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32
1-2C-75'	10/19/2019	75	0.108	0.265	0.175	0.197	0.745	ND	ND	ND	ND	ND	32
2-1C-10'	10/19/2019	10	9.83	78.5	74.8	102	265.13	2350	5780	8130	834	8964	11600
2-1C-15'	10/19/2019	15	16.9	75.8	56.3	65.5	214.5	1790	3460	5250	511	5761	2280
2-1C-20'	10/19/2019	20	4.31	19	17	20.1	60.41	402	1720	2122	233	2355	10000
2-1C-25'	10/19/2019	25	10.1	44.7	36.1	41.2	132.1	546	1680	2226	201	2427	13200
2-1C-30'	10/19/2019	30	0.091	0.156	0.09	ND	0.337	ND	ND	ND	ND	ND	4880
2-1C-35'	10/19/2019	35	0.183	0.372	0.136	ND	0.793	ND	ND	ND	ND	ND	14600
2-1C-40'	10/19/2019	40	0.816	2.85	2.67	3.18	9.516	57.7	281	338.7	30.4	369.1	16400
2-1C-45'	10/19/2019	45	0.054	ND	ND	ND	0.054	ND	ND	ND	ND	ND	9760
2-1C-50'	10/19/2019	50	0.087	0.092	ND	ND	0.179	ND	ND	ND	ND	ND	64
2-2C-10'	10/19/2019	10	1.16	15.4	20	25.1	61.66	690	2070	2760	222	2982	15600
2-2C-15'	10/19/2019	15	4.78	34.4	29.9	34.7	103.78	1090	4110	5200	603	5803	8560
2-2C-20'	10/19/2019	20	2.14	18.8	19.3	23.9	64.14	835	4000	4835	594	5429	9060
#1 Sidewalls	1/29/2019	0-6'	0.126	0.243	0.154	0.179	0.701	<10.0	20.1	20.1	<10.0	20.1	48
#2 Sidewalls	1/29/2019	0-6'	< 0.050	0.085	0.073	<0.150	<0.300	<10.0	17.4	17.4	<10.0	17.4	176
							Sample Resul	1		I			-
#1-1-20	6/25/2019	20	98.5	312	181	181	772.5	3630	8640	12270	1400	13670	9060
#1-1-25	6/25/2019	25	38.1	131	83.1	89.8	342	1690	6570	8260	1180	9440	6930
#1-1-35	6/25/2019	35	28.3	113	79	87.8	308.1	1780	6490	8270	1120	9390	6660
#1-1-40	6/25/2019	40	11.1	54.4	50.3	62.2	178	1320	7190	8510	1160	9670	2480
#1-2-55	6/25/2019	55	8.88	46.7	36.3	32.1	123.98	867	2130	2997	250	3247	16
#1-2-60	6/25/2019	60	87.8	348	267	226	928.8	5880	12000	17880	2100	19980	64
#1-2-65	6/25/2019	65	0.354	0.61	0.128	ND	1.092	ND	78.4	78.4	43.8	122.2	48
u								1		1			

									Total Pe	troleum Hydroc	arbons (TPH)		
0	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO(C6-C10)	DRO(C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
									oth to Groundwat				
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
#1-3-40	6/25/2019	40	26.4	113	90.1	74.9	304.4	2140	5050	7190	757	7947	352
#1-3-50	6/25/2019	50	54.2	194	146	128	522.2	3290	6470	9760	1100	10860	48
#1-3-60	6/25/2019	60	0.109	0.129	ND	ND	0.238	10.8	19.1	29.9	24.5	54.4	16
#1-4-55	6/25/2019	55	0.313	0.51	0.182	0.167	1.172	ND	19.5	19.5	ND	19.5	32
#2-1-20	6/25/2019	20	4.93	22	16.1	18.1	61.13	419	1290	1709	218	1927	20000
#2-1-25	6/25/2019	25	46.8	220	145	158	569.8	4920	8860	13780	1390	15170	10600
#2-1-30	6/25/2019	30	ND	0.066	0.07	ND	0.136	ND	11.2	11.2	ND	11.2	24000
#2-1-35	6/25/2019	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13400
#2-2-30	6/26/2019	30	20.1	98.9	69.4	74.9	263.3	1920	4470	6390	683	7073	17400
#2-2-35	6/26/2019	35	ND	0.635	1.95	2.87	5.455	94.8	568	662.8	82.5	745.3	14400
#2-2-40	6/26/2019	40	0.268	1.47	2.44	3.23	7.408	46.6	310	356.6	54.3	410.9	18400
#2-3-30	6/26/2019	30	0.106	0.939	1.31	1.72	4.075	48.7	1060	1108.7	234	1342.7	7600
#2-3-35	6/26/2019	35	0.269	1.97	1.8	2.19	6.229	39.7	205	244.7	40.5	285.2	14800
#2-4-30	6/26/2019	30	1.33	12.2	13.4	17.1	44.03	397	2850	3247	469	3716	21600
#2-4-35	6/26/2019	35	ND	0.715	1.42	1.98	4.115	38.7	284	322.7	42	364.7	20600
#2-4-40	6/26/2019	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20000
#1-7'	1/29/2019	7'	92.7	440	277	293	1100	9720	15600	25320	2230	27550	160
#1-7 #1-9'	1/29/2019	9'	92.7	440 516	292		1100	9720 7250	15600	19150	1790	27550	3280
#1-9 #1-11'	1/29/2019	9 11'	159	424	292	301 229	1270	5310	8520	13830	1790	15140	8260
#1-11	1/29/2019	13'	94.4	347	228	229	867	4700	8200		1200		4720
		-				-				12900		14100	
#1-15'	1/29/2019	15'	183	491	265	264	1200	6990	10900	17890	1660	19550	8000
#2-7'	1/29/2019	7'	53.9	228	139	146	567	4460	7860	12320	1170	13490	25600
#2-9'	1/29/2019	9'	44.1	185	119	125	473	3730	7300	11030	894	11924	24000
#2-11'	1/29/2019	11'	21.7	109	78	83.9	292	1810	3970	5780	554	6334	26400
#2-13'	1/29/2019	13'	21.8	101	72.1	77.6	273	1810	4300	6110	526	6636	26800
#2-15'	1/29/2019	15'	150	439	243	256	1090	8570	13000	21570	1930	23500	8800

Notes:

1. Values reported in mg/kg

2. < = Value Less than Reporting Limit (RL)

3. Bold Indicates Analyte Detected

GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
 Yellow shaded cells indicate analytical sample

5. TPH analyses by EPA Method SW 8015 Mod.

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

4. BTEX analyses by EPA Method SW 8021B. B-BH-2 Sample Point Excavated

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



October 31, 2023

Appendix A C-141 Forms



State of New Mexico **Energy Minerals and Natural Resources Department**

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

Incident ID	NAB1900435050
District RP	2RP-5149
Facility ID	
Application ID	pAB1900432112

Release Notification

Responsible Party

Responsible Party	OGRID	
EOG Y Resources, Inc.	25575	
Contact Name	Contact Telephone	
Chase Settle	575-748-4171	
Contact email	Incident # (assigned by OCD)	
chase_settle@eogresources.com		
Contact mailing address		
104 S. 4 th		

Location of Release Source

Latitude 32.8623428

Longitude -103.9330673 (NAD 83 in decimal degrees to 5 decimal places)

Site Name Jackson B #57	Site Type Facility
Date Release Discovered 12/1/18	API# 30-015-41003

Unit Letter	Section	Township	Range	County
L	1	17S	30E	Eddy

Surface Owner:	State	K Federal	🗌 Tribal	Private	(Name:	
----------------	-------	-----------	----------	---------	--------	--

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) 2	Volume Recovered (bbls) 2
Produced Water	Volume Released (bbls) 6	Volume Recovered (bbls) 5
	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)
5 C7		
Cause of Release		
		nd found it was coming from underground, most likely
cased crossing. Shut of	f all wells utilizing crossing and isolated flowlines.	
•		
W		

N				
orm C-141	State of New Mexico			
	Oil Conservation Division		Incident ID	NAB1900435050
Rage 2	On Conservation Division		District RP	2RP-5149
Lag			Facility ID Application ID	pAB1900432112
			ripplication in	p, 101000102112
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the resp	ponsible party conside	r this a major release?	
🗌 Yes 🖾 No				
If YES, was immediate i	notice given to the OCD? By whom? To	whom? When and by	what means (phone, e	mail, etc)?
	Initial]	Response		
The responsible	e party must undertake the following actions immedia	ately unless they could creat	e a safety hazard that would	d result in injury
 The impacted area h Released materials h All free liquids and n 	lease has been stopped. as been secured to protect human health ar nave been contained via the use of berms of recoverable materials have been removed a ed above have <u>not</u> been undertaken, explain	r dikes, absorbent pad and managed appropri		t devices.
has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig	AAC the responsible party may commence a narrative of actions to date. If remedia int area (see 19.15.29.11(A)(5)(a) NMAC) prmation given above is true and complete to the e required to report and/or file certain release no iment. The acceptance of a C-141 report by the gate and remediate contamination that pose a the of a C-141 report does not relieve the operator of	al efforts have been su , please attach all info ne best of my knowledge otifications and perform e OCD does not relieve the preat to groundwater, sur	accessfully completed rmation needed for clo and understand that purs corrective actions for rel he operator of liability sh face water, human health	or if the release occurred osure evaluation. suant to OCD rules and eases which may endanger nould their operations have n or the environment. In
Printed Name: <u>Chase Sett</u> Signature:	Title: <u>Rep Safety & E</u>	Environmental II Date: <u>12/13/2018</u>	3	
email: <u>chase_settle@eog</u>	resources.com	Telephone: <u>575</u>	-748-4171	
OCD Only Received by:	Michanunte	Date: 01/04/20	19	

Incident ID		
District RP	2RP-5149	
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?	(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. \square

E Field data

Data table of soil contaminant concentration data

NN Depth to water determination

Determination of water sources and significant watercourses within 1/2-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.

Released to Imaging: 3/22/2024 8:59:38 AM

Form C-141 State of New Mexico Page 4 Oil Conservation Divisio				Incident ID District RP Facility ID Application ID	2RP-5149
regulations all operator public health or the en failed to adequately in addition, OCD accepta and/or regulations.	the information given above is true and complete to the ors are required to report and/or file certain release not avironment. The acceptance of a C-141 report by the C avestigate and remediate contamination that pose a threa ance of a C-141 report does not relieve the operator of	ifications and OCD does n eat to grour responsibi	nd perform co not relieve the ndwater, surface lity for compli	rrective actions for rele operator of liability sho ce water, human health iance with any other feo	ases which may endanger ould their operations have or the environment. In deral, state, or local laws
Printed Name:	Sotto)2/27/2019	y and Environmer	
email: Chase_Settle@eogresources.com			ne: 575-7		
OCD Only Received by: <u>RO</u>	bert Hamlet	Ι	Date: 3/1/	2019	

Page 23 of 368

Page 24 of 368

State of New Mexico Oil Conservation Division

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

Incident ID	
District RP	2RP-5149
Facility ID	
Application ID	

Remediation Plan

 Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation poin Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29. Proposed schedule for remediation (note if remediation plan times) 	12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be co	nfirmed as part of any request for deferral of remediation.
	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.
I hereby certify that the information given above is true and comple rules and regulations all operators are required to report and/or file which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigat surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local b	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Chase Settle	Title: Rep Safety and Environmental II
Signature:	Date: 02/27/2019
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by: Robert Hamlet	Date: 3/1/2019
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date: 3/1/2019

Oil Conservation Division

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

 \square Description of remediation activities

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

_____ Date: 10/31/2023

Printed Name: Chase Settle

Title: Rep Safety & Environmental Sr

Signature: <u>Chase Settle</u>

_{email:} Chase_Settle@eogresources.com

Telephone: 575-748-1471

OCD Only

Received by:

Date:

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

Closure Approved by:	Date:
Printed Name:	Title:



October 31, 2023

Appendix B Analytical Reports

Report to: Moshghan Mansoori



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12566090

12566090/ Jackson B #57

Work Order: E309215

Job Number: 19034-0001

Received: 9/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 9/29/23

Moshghan Mansoori 6121 Indian School Rd. NE #200 Albuquerque, NM 87110

Project Name: 12566090/ Jackson B #57 Workorder: E309215 Date Received: 9/28/2023 8:15:00AM

Moshghan Mansoori,



Page 28 of 368

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/28/2023 8:15:00AM, under the Project Name: 12566090/ Jackson B #57.

The analytical test results summarized in this report with the Project Name: 12566090/ Jackson B #57 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CB-1B (10ft)	6
CB-1B (15ft)	7
CB-1B (20ft)	8
CB-1B (25ft)	9
CB-1B (30ft)	10
CB-1B (35ft)	11
CB-1B (40ft)	12
CB-1B (45ft)	13
CB-1B (50ft)	14
CB-1B (55ft)	15
CB-1B (60ft)	16
CB-1B (65ft)	17
CB-1B (70ft)	18
CB-1B (75ft)	19
CB-2B (10ft)	20
CB-2B (15ft)	21
CB-2B (20ft)	22
CB-2B (25ft)	23
CB-2B (30ft)	24
CB-2B (35ft)	25

•

Table of Contents (continued)

CB-2B (40ft)	26
CB-2B (45ft)	27
CB-2B (50ft)	28
QC Summary Data	29
QC - Volatile Organic Compounds by EPA 8260B	29
QC - Volatile Organics by EPA 8021B	30
QC - Nonhalogenated Organics by EPA 8015D - GRO	31
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
QC - Anions by EPA 300.0/9056A	35
Definitions and Notes	37
Chain of Custody etc.	38

Sample Summarv

		Sample Sum				
GHD		Project Name:	12566090/ Jackson	B #57	Reported:	
6121 Indian School Rd. NE #200		Project Number: Project Manager:	19034-0001		09/29/23 15:51	
Albuquerque NM, 87110			Moshghan Mansoc	ri		
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
CB-1B (10ft)	E309215-01A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (15ft)	E309215-02A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (20ft)	E309215-03A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (25ft)	E309215-04A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (30ft)	E309215-05A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (35ft)	E309215-06A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (40ft)	E309215-07A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (45ft)	E309215-08A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (50ft)	E309215-09A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (55ft)	E309215-10A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (60ft)	E309215-11A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (65ft)	E309215-12A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (70ft)	E309215-13A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-1B (75ft)	E309215-14A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (10ft)	E309215-15A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (15ft)	E309215-16A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (20ft)	E309215-17A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (25ft)	E309215-18A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (30ft)	E309215-19A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (35ft)	E309215-20A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (40ft)	E309215-21A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (45ft)	E309215-22A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	
CB-2B (50ft)	E309215-23A	Soil	09/27/23	09/28/23	Glass Jar, 2 oz.	



GHD 6121 Indian School Rd. NE #200	Project Name: Project Numbe	er: 190	56090/ Jackson B 34-0001	#57		Reported:
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-1B (10ft)				
		E309215-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		86.9 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/28/23	

Sample Data



Sample Data

	25	ample D	ata			
GHD	Project Name:	125	66090/ Jackson B	#57		
6121 Indian School Rd. NE #200	Project Numbe	er: 190	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	roject Manager: Moshghan Mansoori				
	(CB-1B (15ft)				
		E309215-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339052	
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2339061	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		86.7 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2339081
Chloride	45.4	20.0	1	09/28/23	09/28/23	



Sample Data

	Da	ample D	ata			
GHD	Project Name:	125	66090/ Jackson B	#57		
6121 Indian School Rd. NE #200	Project Numbe	er: 190.	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	er: Mos	9/29/2023 3:51:35PM			
	0	CB-1B (20ft)				
		E309215-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Analyst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		85.9 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2339081
Chloride	54.5	20.0	1	09/28/23	09/29/23	

Sample Data

	5	ample D	ลเล			
GHD	Project Name:	: 1250	66090/ Jackson B	#57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori	9/29/2023 3:51:35PM		
	(CB-1B (25ft)				
		E309215-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2339061	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		82.9 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2339081	
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	56	ample D	ala			
GHD	Project Name:	1250	66090/ Jackson	B #57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	er: Mos	9/29/2023 3:51:35PM			
	C	CB-1B (30ft)				
	-	E309215-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
o-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2339061	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		87.8 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	Analyst: RAS		Batch: 2339081
Chloride	22.4	20.0	1	09/28/23	09/29/23	


Sample Data

	5	ampie D	ala			
GHD	Project Name:	: 125	66090/ Jackson E			
6121 Indian School Rd. NE #200	Project Numb	er: 1903	34-0001		Reported:	
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori		9/29/2023 3:51:35PM	
	(CB-1B (35ft)				
		E309215-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Foluene	ND	0.0250	1	09/28/23	09/28/23	
p-Xylene	ND	0.0250	1	09/28/23	09/28/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/28/23	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		88.4 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	50	ample D	ala			
GHD	Project Name:	1250	66090/ Jackson 1	B #57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	er: Mos	hghan Mansoor	i		9/29/2023 3:51:35PM
	С	CB-1B (40ft)				
]	E309215-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
o-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		93.2 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	56	ample D	ala			
GHD	Project Name:	1250	66090/ Jackson 1	B #57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	er: Mos	hghan Mansoor	i		9/29/2023 3:51:35PM
	C	CB-1B (45ft)				
		E309215-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		92.2 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	Di	ample D	ala			
GHD	Project Name:	: 125	66090/ Jackson I			
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-1B (50ft)				
		E309215-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
Surrogate: n-Nonane		89.8 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	5	ample D	ลเล			
GHD	Project Name:	1250	66090/ Jackson H	3 #57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-1B (55ft)				
		E309215-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		88.3 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	Di	ample D	ala			
GHD	Project Name:	1250	56090/ Jackson	n B #57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoo	ori		9/29/2023 3:51:35PM
	(CB-1B (60ft)				
		E309215-11				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Foluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		88.6 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	Di	ample D	ata			
GHD	Project Name:	125	66090/ Jackson B	#57		
6121 Indian School Rd. NE #200	Project Numbe	er: 190.	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-1B (65ft)				
		E309215-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		86.0 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	

Sample Data

	31	ample D	ลเล			
GHD	Project Name:	1250	66090/ Jackson B	#57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	Reported:			
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-1B (70ft)				
		E309215-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
thylbenzene	ND	0.0250	1	09/28/23	09/29/23	
oluene	ND	0.0250	1	09/28/23	09/29/23	
-Xylene	ND	0.0250	1	09/28/23	09/29/23	
,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
otal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
urrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
urrogate: n-Nonane		87.5 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	5	ample D	ลเล			
GHD	Project Name:	1250	66090/ Jackson E			
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-1B (75ft)				
		E309215-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	286	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	352	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		87.7 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2339081
Chloride	ND	20.0	1	09/28/23	09/29/23	



Sample Data

	5	ample D	ลเล			
GHD	Project Name:	: 1250	56090/ Jackson	B #57		
6121 Indian School Rd. NE #200	Project Numb	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoo	ri		9/29/2023 3:51:35PM
	(CB-2B (10ft)				
		E309215-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Foluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		90.0 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2339081
Chloride	197	20.0	1	09/28/23	09/29/23	



Sample Data

	5	ample D	ata			
GHD	Project Name	: 1250	66090/ Jackson H	3 #57		
6121 Indian School Rd. NE #200	Project Numb	ber: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-2B (15ft)				
		E309215-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Foluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		90.1 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: RAS		Batch: 2339081
Chloride	91.7	20.0	1	09/28/23	09/29/23	



Sample Data

	5	ample D	ลเล			
GHD	Project Name:	: 1250	66090/ Jackson E	3 #57		
6121 Indian School Rd. NE #200	Project Numb	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-2B (20ft)				
		E309215-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
o-Xylene	ND	0.0250	1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		89.5 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2339081
Chloride	43.0	20.0	1	09/28/23	09/29/23	



Sample Data

	50	ample D	ลเล			
GHD	Project Name:	1250	66090/ Jackson E	3 #57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manage	er: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	C	CB-2B (25ft)				
]	E309215-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		91.6 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2339081
Chloride	598	20.0	1	09/28/23	09/29/23	



Sample Data

	3	ample D	ลเล			
GHD	Project Name	: 1250	66090/ Jackson B	#57		
6121 Indian School Rd. NE #200	Project Numb	er: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mansoori			9/29/2023 3:51:35PM
	(CB-2B (30ft)				
		E309215-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/29/23	
Toluene	ND	0.0250	1	09/28/23	09/29/23	
p-Xylene	ND	0.0250	1	09/28/23	09/29/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250	1	09/28/23	09/29/23	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
Surrogate: n-Nonane		85.5 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2339081
Chloride	5070	40.0	2	09/28/23	09/29/23	



Sample Data

	29	imple D	ลเล			
GHD	Project Name:	1250	66090/ Jackson	B #57		
6121 Indian School Rd. NE #200	Project Numbe	r: 1903	34-0001	Reported:		
Albuquerque NM, 87110	Project Manage	er: Mos	hghan Mansooi	i		9/29/2023 3:51:35PM
	С	B-2B (35ft)				
]	E309215-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2339052
Benzene	ND	0.0250	1	09/28/23	09/29/23	
thylbenzene	1.04	0.0250	1	09/28/23	09/29/23	
oluene	0.422	0.0250	1	09/28/23	09/29/23	
-Xylene	0.475	0.0250	1	09/28/23	09/29/23	
,m-Xylene	0.962	0.0500	1	09/28/23	09/29/23	
otal Xylenes	1.44	0.0250	1	09/28/23	09/29/23	
urrogate: 4-Bromochlorobenzene-PID		106 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2339052
Gasoline Range Organics (C6-C10)	24.5	20.0	1	09/28/23	09/29/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		86.9 %	70-130	09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2339061
Diesel Range Organics (C10-C28)	298	25.0	1	09/28/23	09/29/23	
Dil Range Organics (C28-C36)	89.6	50.0	1	09/28/23	09/29/23	
urrogate: n-Nonane		89.8 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2339081
Chloride	5500	40.0	2	09/28/23	09/29/23	



Sample Data

	5	ample D	ara				
GHD	Project Name	: 1250	56090/ Jac	kson B #	#57		
6121 Indian School Rd. NE #200	Project Numb		84-0001				Reported:
Albuquerque NM, 87110	Project Mana	ger: Mos	hghan Ma	nsoori			9/29/2023 3:51:35PM
		CB-2B (40ft)					
		E309215-21					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2339055
Benzene	0.0450	0.0250		1	09/28/23	09/29/23	
Ethylbenzene	1.85	0.0250		1	09/28/23	09/29/23	
Toluene	1.11	0.0250		1	09/28/23	09/29/23	
p-Xylene	0.771	0.0250		1	09/28/23	09/29/23	
o,m-Xylene	1.56	0.0500		1	09/28/23	09/29/23	
Total Xylenes	2.33	0.0250		1	09/28/23	09/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/28/23	09/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		09/28/23	09/29/23	
Surrogate: Toluene-d8		102 %	70-130		09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2339055
Gasoline Range Organics (C6-C10)	67.9	20.0		1	09/28/23	09/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/28/23	09/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		09/28/23	09/29/23	
Surrogate: Toluene-d8		102 %	70-130		09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2339060
Diesel Range Organics (C10-C28)	215	25.0		1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	60.3	50.0		1	09/28/23	09/28/23	
Surrogate: n-Nonane		86.3 %	50-200		09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2339068
Chloride	7300	100		5	09/28/23	09/29/23	



Sample Data

		ample D	uu				
GHD	Project Name:	1250	66090/ Jac	kson B ‡	#57		
6121 Indian School Rd. NE #200	Project Numbe	er: 1903	34-0001				Reported:
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Ma	nsoori			Reported: 9/29/2023 3:51:35PM Notes
	(CB-2B (45ft)					
		E309215-22					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2339055
Benzene	0.0765	0.0250		1	09/28/23	09/29/23	
Ethylbenzene	0.0350	0.0250		1	09/28/23	09/29/23	
Toluene	0.0905	0.0250		1	09/28/23	09/29/23	
p-Xylene	ND	0.0250		1	09/28/23	09/29/23	
p,m-Xylene	ND	0.0500		1	09/28/23	09/29/23	
Total Xylenes	ND	0.0250		1	09/28/23	09/29/23	
Surrogate: Bromofluorobenzene		110 %	70-130		09/28/23	09/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/28/23	09/29/23	
Surrogate: Toluene-d8		100 %	70-130		09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2339055
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/28/23	09/29/23	
Surrogate: Bromofluorobenzene		110 %	70-130		09/28/23	09/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/28/23	09/29/23	
Surrogate: Toluene-d8		100 %	70-130		09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2339060
Diesel Range Organics (C10-C28)	ND	25.0		1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0		1	09/28/23	09/28/23	
Surrogate: n-Nonane		89.9 %	50-200		09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2339068
Chloride	9260	400		20	09/28/23	09/29/23	



Sample Data

	5	ample D	ala				
GHD 6121 Indian School Rd. NE #200	Project Name Project Numb	ber: 1903	56090/ Jac 34-0001		¥57		Reported:
Albuquerque NM, 87110	Project Mana	ger: Mos	hghan Ma	9/29/2023 3:51:35PM			
		CB-2B (50ft)					
		E309215-23					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2339055
Benzene	0.145	0.0250		1	09/28/23	09/29/23	
Ethylbenzene	ND	0.0250		1	09/28/23	09/29/23	
Toluene	0.0995	0.0250		1	09/28/23	09/29/23	
o-Xylene	ND	0.0250		1	09/28/23	09/29/23	
o,m-Xylene	ND	0.0500		1	09/28/23	09/29/23	
Fotal Xylenes	ND	0.0250		1	09/28/23	09/29/23	
Surrogate: Bromofluorobenzene		109 %	70-130		09/28/23	09/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		09/28/23	09/29/23	
Surrogate: Toluene-d8		101 %	70-130		09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2339055
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/28/23	09/29/23	
Surrogate: Bromofluorobenzene		109 %	70-130		09/28/23	09/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		09/28/23	09/29/23	
Surrogate: Toluene-d8		101 %	70-130		09/28/23	09/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2339060
Diesel Range Organics (C10-C28)	ND	25.0		1	09/28/23	09/28/23	
Dil Range Organics (C28-C36)	ND	50.0		1	09/28/23	09/28/23	
Surrogate: n-Nonane		90.7 %	50-200		09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2339068
Chloride	1380	20.0		1	09/28/23	09/29/23	



QC Summary Data

GHD		Droigot Name	10	566090/ Jack	son B #57				_
6121 Indian School Rd. NE #200		Project Name: Project Number:		034-0001					Reported:
		-						0	100/2022 2.51.25DM
Albuquerque NM, 87110		Project Manager:	Me	oshghan Man	soori			9	/29/2023 3:51:35PM
		Volatile Organic	Compou	unds by El	PA 82601	3			Analyst: RKS
Analyte		Reporting	Spike	Source		Rec	DDD	RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	27.
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2339055-BLK1)							Prepared: 09	9/28/23 Ana	alyzed: 09/28/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			
LCS (2339055-BS1)							Prepared: 09	9/28/23 An	alyzed: 09/28/23
Benzene	2.27	0.0250	2.50		90.7	70-130			
Ethylbenzene	2.35	0.0250	2.50		93.8	70-130			
Toluene	2.24	0.0250	2.50		89.6	70-130			
p-Xylene	2.26	0.0250	2.50		90.4	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.8	70-130			
Total Xylenes	6.75	0.0250	7.50		90.0	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
Matrix Spike (2339055-MS1)				Source:	E309212-	02	Prepared: 09	9/28/23 Ana	alyzed: 09/28/23
Benzene	2.33	0.0250	2.50	ND	93.4	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.3	45-135			
Toluene	2.29	0.0250	2.50	ND	91.6	48-130			
o-Xylene	2.41	0.0250	2.50	ND	96.5	43-135			
p,m-Xylene	4.73	0.0500	5.00	ND	94.7	43-135			
Total Xylenes	7.15	0.0250	7.50	ND	95.3	43-135			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.320		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
Matrix Spike Dup (2339055-MSD1)				Source:	E309212-	02	Prepared: 0	9/28/23 Ana	alyzed: 09/29/23
Benzene	2.34	0.0250	2.50	ND	93.4	48-131	0.0856	23	-
Ethylbenzene	2.54	0.0250	2.50	ND	102	45-135	5.36	27	
Toluene	2.42	0.0250	2.50	ND	97.0	48-130	5.64	24	
	2.42	0.0250	2.50	ND	105	43-130	8.76	24	
o-Xylene	5.21		5.00	ND	103	43-135	8.70 9.56	27	
p,m-Xylene	7.84	0.0500 0.0250	5.00 7.50	ND	104	43-135	9.56	27	
Total Xylenes		0.0250	0.500	ND.	103	70-130	7.27	21	
Surrogate: Bromofluorobenzene	0.536								
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

	Project Name: Project Number:	19	034-0001					Reported:
	Project Manager:	М	oshghan Man	soori				9/29/2023 3:51:35PM
	Volatile O	rganics b	oy EPA 802	21B				Analyst: IY
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	9/28/23 A	nalyzed: 09/28/23
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
7.68		8.00		96.0	70-130			
						Prepared: 0	9/28/23 A	analyzed: 09/28/23
4.03	0.0250	5.00		80.5	70-130			
3.98	0.0250	5.00		79.6	70-130			
4.11	0.0250	5.00		82.2	70-130			
4.15	0.0250	5.00		82.9	70-130			
8.27	0.0500	10.0		82.7	70-130			
12.4	0.0250	15.0		82.7	70-130			
7.71		8.00		96.4	70-130			
			Source:	E309215-()6	Prepared: 0	9/28/23 A	analyzed: 09/28/23
4.34	0.0250	5.00	ND	86.8	54-133			
4.29	0.0250	5.00	ND	85.8	61-133			
4.43	0.0250	5.00	ND	88.5	61-130			
4.45	0.0250	5.00	ND	89.0	63-131			
8.90	0.0500	10.0	ND	89.0	63-131			
13.3	0.0250	15.0	ND	89.0	63-131			
7.65		8.00		95.6	70-130			
			Source:	E309215-()6	Prepared: 0	9/28/23 A	analyzed: 09/29/23
4.47	0.0250	5.00	ND	89.4	54-133	2.88	20	
4.43	0.0250	5.00	ND	88.6	61-133	3.16	20	
4.56	0.0250	5.00	ND	91.1	61-130	2.87	20	
4.59	0.0250	5.00	ND	91.7	63-131	2.96	20	
9.17	0.0500	10.0	ND	91.7	63-131	3.09	20	
	mg/kg ND ND ND ND ND ND 7.68 4.03 3.98 4.11 4.15 8.27 12.4 7.71 4.34 4.29 4.43 4.45 8.90 13.3 7.65 4.47 4.43 4.45 8.90	And the second	Project Number: 19 Project Manager: M Volatile Organics E M Result Reporting Limit Spike Level mg/kg mg/kg mg/kg ND 0.0250 mg/kg ND 0.0250 M ND 0.0250 M ND 0.0250 M ND 0.0250 M 0.0250 M M 10.0250 5.00 M 11 0.0250 5.00 4.11 0.0250 5.00 4.12 0.0250 5.00 4.23 0.0250 5.00 4.34 0.0250 5.00 4.43 0.0250 5.00 4.43 0.0250 5.00 4.43 <	Project Number: 19034-0001 Moshghan Man Project Manager: Moshghan Man Volatile Organics by EPA 802 Result Spike Mg/kg Source Result mg/kg mg/kg mg/kg Moshghan Man ND Limit Level Result Result MD 0.0250 mg/kg mg/kg ND 0.0250 ND Out ND 0.0250 Source 4.03 0.0250 Source 4.03 0.0250 S.00 3.98 0.0250 S.00 4.11 0.0250 S.00 8.27 0.0500 10.0 12.4 0.0250 S.00 4.34 0.0250 S.00 4.43 0.0250 ND 4.445 0.0250 <td>Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting Spike Source Result mg/kg mg/kg mg/kg % ND 0.0250 mg/kg mg/kg % ND 0.0250 mb 7.68 8.00 96.0 4.03 0.0250 5.00 80.5 3.98 0.0250 7.68 8.00 96.0 4.03 0.0250 5.00 82.2 4.11 0.0250 5.00 82.2 4.11 0.0250 5.00 82.7 2.2 4.15 0.0250 5.00 82.7 1.11 0.0250 5.00 82.7 8.00 96.4 4.34 0.0250 5.00 82.7 8.01 82.9 8.27 0.0500 10.0 82.7 7.77 8.00 96.4 4.34 0.0250 5.00 ND 85.8 84.43 9.0250<td>Project Number: Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Recult Result Rec Rec Manager: Spike Source Rec Limit mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 mg/kg mg/kg % % ND 0.0250 source Rec Limits ND 0.0250 source Rec Route ND 0.0250 source Rec Route ND 0.0250 source Rec Route Route 4.03 0.0250 source Route <td< td=""><td>Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting Limit Spike Level Source Result Rec Res Limits RPD mg/kg mg/kg mg/kg % % % % ND 0.0250 mg/kg mg/kg % % % ND 0.0250 Prepared: 0 A4.03 0.0250 5.00 80.5 70-130 A4.15 0.0250 5.00 82.2 70-130 A4.15 0.0250 5.00 82.7 70-130 A2.7 0.0250 5.00</td></td<><td>Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting mg/g Spike mg/g Source mg/g Rec Rec RPD Limit RPD Limit mg/g mg/g mg/g % % % % ND 0.0250 ND 0.0250 ND 0.0250 </td></td></td>	Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting Spike Source Result mg/kg mg/kg mg/kg % ND 0.0250 mg/kg mg/kg % ND 0.0250 mb 7.68 8.00 96.0 4.03 0.0250 5.00 80.5 3.98 0.0250 7.68 8.00 96.0 4.03 0.0250 5.00 82.2 4.11 0.0250 5.00 82.2 4.11 0.0250 5.00 82.7 2.2 4.15 0.0250 5.00 82.7 1.11 0.0250 5.00 82.7 8.00 96.4 4.34 0.0250 5.00 82.7 8.01 82.9 8.27 0.0500 10.0 82.7 7.77 8.00 96.4 4.34 0.0250 5.00 ND 85.8 84.43 9.0250 <td>Project Number: Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Recult Result Rec Rec Manager: Spike Source Rec Limit mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 mg/kg mg/kg % % ND 0.0250 source Rec Limits ND 0.0250 source Rec Route ND 0.0250 source Rec Route ND 0.0250 source Rec Route Route 4.03 0.0250 source Route <td< td=""><td>Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting Limit Spike Level Source Result Rec Res Limits RPD mg/kg mg/kg mg/kg % % % % ND 0.0250 mg/kg mg/kg % % % ND 0.0250 Prepared: 0 A4.03 0.0250 5.00 80.5 70-130 A4.15 0.0250 5.00 82.2 70-130 A4.15 0.0250 5.00 82.7 70-130 A2.7 0.0250 5.00</td></td<><td>Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting mg/g Spike mg/g Source mg/g Rec Rec RPD Limit RPD Limit mg/g mg/g mg/g % % % % ND 0.0250 ND 0.0250 ND 0.0250 </td></td>	Project Number: Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Recult Result Rec Rec Manager: Spike Source Rec Limit mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 mg/kg mg/kg % % ND 0.0250 source Rec Limits ND 0.0250 source Rec Route ND 0.0250 source Rec Route ND 0.0250 source Rec Route Route 4.03 0.0250 source Route Route <td< td=""><td>Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting Limit Spike Level Source Result Rec Res Limits RPD mg/kg mg/kg mg/kg % % % % ND 0.0250 mg/kg mg/kg % % % ND 0.0250 Prepared: 0 A4.03 0.0250 5.00 80.5 70-130 A4.15 0.0250 5.00 82.2 70-130 A4.15 0.0250 5.00 82.7 70-130 A2.7 0.0250 5.00</td></td<> <td>Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting mg/g Spike mg/g Source mg/g Rec Rec RPD Limit RPD Limit mg/g mg/g mg/g % % % % ND 0.0250 ND 0.0250 ND 0.0250 </td>	Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting Limit Spike Level Source Result Rec Res Limits RPD mg/kg mg/kg mg/kg % % % % ND 0.0250 mg/kg mg/kg % % % ND 0.0250 Prepared: 0 A4.03 0.0250 5.00 80.5 70-130 A4.15 0.0250 5.00 82.2 70-130 A4.15 0.0250 5.00 82.7 70-130 A2.7 0.0250 5.00	Project Number: 19034-0001 Project Manager: Moshghan Mansoori Volatile Organics by EPA 8021B Result Reporting mg/g Spike mg/g Source mg/g Rec Rec RPD Limit RPD Limit mg/g mg/g mg/g % % % % ND 0.0250 ND 0.0250 ND 0.0250



QC Summary Data

		QC S	umma	ary Data	a						
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	1	2566090/ Jack 9034-0001 Ioshghan Man					Reported: 9/29/2023 3:51:35PM		
	Nonhalogenated Organics by EPA 8015D - GRO Analyst: IY										
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2339052-BLK1)							Prepared: 0	9/28/23 A	nalyzed: 09/28/23		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130					
LCS (2339052-BS2)							Prepared: 0	9/28/23 A	nalyzed: 09/28/23		
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.5	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130					
Matrix Spike (2339052-MS2)				Source:	E309215-	06	Prepared: 0	9/28/23 A	nalyzed: 09/29/23		
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.3	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.3	70-130					
Matrix Spike Dup (2339052-MSD2)				Source:	E309215-0	06	Prepared: 0	9/28/23 A	nalyzed: 09/29/23		
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.3	70-130	2.35	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130					



QC Summary Data

		QC SI	umm	ary Data	a				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	1	2566090/ Jack 9034-0001 Ioshghan Man					Reported: 9/29/2023 3:51:35PM
	N		Analyst: RKS						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2339055-BLK1)							Prepared: 0)9/28/23 <i>I</i>	Analyzed: 09/28/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			
LCS (2339055-BS2)							Prepared: 0)9/28/23 A	Analyzed: 09/28/23
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
Matrix Spike (2339055-MS2)				Source:	E309212-	02	Prepared: 0)9/28/23 A	Analyzed: 09/29/23
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			
Matrix Spike Dup (2339055-MSD2)				Source:	E309212-(02	Prepared: 0	09/28/23 A	Analyzed: 09/29/23
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	5.69	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



QC Summary Data

		QC D	u111111	ii y Data	a				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	19	2566090/ Jack 9034-0001 Ioshghan Man					Reported: 9/29/2023 3:51:35PM
	Nonh		Analyst: KM						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	iiig/kg	iiig/kg	iiig/ kg	ing/kg	/0	/0	70	/0	Notes
Blank (2339060-BLK1)							Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.3		50.0		90.6	50-200			
LCS (2339060-BS1)							Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	49.4		50.0		98.9	50-200			
Matrix Spike (2339060-MS1)				Source:	E309204-(02	Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	302	25.0	250	ND	121	38-132			
Surrogate: n-Nonane	45.4		50.0		90.7	50-200			
Matrix Spike Dup (2339060-MSD1)				Source:	E309204-(02	Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	299	25.0	250	ND	120	38-132	0.921	20	
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			



QC Summary Data

		QC D	u111111	ii y Data	a				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	19	2566090/ Jack 9034-0001 Ioshghan Man					Reported: 9/29/2023 3:51:35PM
	Nonh		Analyst: KM						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	шgжg	ing kg	ing kg	ing kg	70	70	70	70	Notes
Blank (2339061-BLK1)							Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.0	50-200			
LCS (2339061-BS1)							Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	51.2		50.0		102	50-200			
Matrix Spike (2339061-MS1)				Source:	E309215-()6	Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	51.8		50.0		104	50-200			
Matrix Spike Dup (2339061-MSD1)				Source:	E309215-()6	Prepared: 0	9/28/23 A	analyzed: 09/28/23
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132	9.57	20	
Surrogate: n-Nonane	49.1		50.0		98.1	50-200			



QC Summary Data

		$\mathbf{x} \sim \mathbf{x}$, <u> </u>					
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number Project Manager	:	12566090/ Jack 19034-0001 Moshghan Man					Reported: 9/29/2023 3:51:35PM
		Anions	by EPA	300.0/9056	۹				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2339068-BLK1)							Prepared: 0	9/28/23	Analyzed: 09/28/23
Chloride	ND	20.0							
LCS (2339068-BS1)							Prepared: 0	9/28/23	Analyzed: 09/28/23
Chloride	244	20.0	250		97.6	90-110			
Matrix Spike (2339068-MS1)				Source:	E309205-0	01	Prepared: 0	9/28/23	Analyzed: 09/28/23
Chloride	25600	400	250	22600	NR	80-120			M5
Matrix Spike Dup (2339068-MSD1)				Source:	E309205-0	01	Prepared: 0	9/28/23	Analyzed: 09/28/23
Chloride	28000	400	250	22600	NR	80-120	9.05	20	M5



QC Summary Data

		ųς ν	/u11111	iai j Dau					
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number Project Manager	:	12566090/ Jack 19034-0001 Moshghan Man					Reported: 9/29/2023 3:51:35PM
		Anions	by EPA	300.0/90564	4				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2339081-BLK1)							Prepared: 0	9/28/23 A	Analyzed: 09/28/23
Chloride	ND	20.0							
LCS (2339081-BS1)							Prepared: 0	9/28/23 A	Analyzed: 09/28/23
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2339081-MS1)				Source:	E309215-	01	Prepared: 0	9/28/23 A	Analyzed: 09/28/23
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2339081-MSD1)				Source:	E309215-	01	Prepared: 0	9/28/23 A	Analyzed: 09/28/23
Chloride	269	20.0	250	ND	108	80-120	1.84	20	
Chionae	207	20.0	250	ND	100	00-120	1.04	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



GHD	Project Name:	12566090/ Jackson B #57	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Moshghan Mansoori	09/29/23 15:51

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Release Project Information

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of 🤇

Received by OCD: 11/1/2023 4:54:09 PM

Client: GHD Bill To									Lab U				e On	ly		1		TA	0		
roject: 1256 roject Manaj			the second s	-		ttention: EOG Amb			Lab	WO#	121		Job			1 1			Standard	CWA	SDWA
	5121 India		Constant of the Local of the			ddress: 1045 4th sity, State, Zip:Artes	10 10 10 10 10 10 10 10 10 10 10 10 10 1		<u>t.</u>	507	a	-			OOC nd Me		X		*		RCRA
ity, State, Zip	and the second					hone:	, , , , , , , , , , , , , , , , , , ,	-	-					515 01			10				NCNA
hone:		63-6516			Er	mail: amber griffi	n@eogresources	s.com	115	8015					-					State	4 S. C.
mail: Mo eport due by	loshghan.I y:	Mansoor	i@ghd.c	om	-				O by 8015	βΛ	8021	8260	6010	300.0	WN -	XI -9		-	NM CO	UT AZ	ТХ
Time Sampled Date	e Sampled	Matrix	No. of Containers	Sample ID)			Lab Number	DRO/ORO	GRO/DRO	BTEX by	VOC by 8	Metals 6	Chloride 300.0	BGDOC -	TCEQ 1005-				Remarks	
102 41	27/23	5	l	5-1258	87914.	-270923-5K-	CB-1BCLOP]	χ	x		Y		X					-		
103 9/	27/23	8	(5-1258	7914-270	M23-5x-(B-	[B(15++)	2	×	×		*		x							
104 %	27/27	5	1	5-125	87917-2	70923-SIS-CD	18(20++)	3	x	×		×		x							
MI	27/23	5	1	5 - 125	87417-	271929-51-01	9-17(254	4	×	x		x		8							
	27/27	9	1	5-125	9 7917-2	270923-51c-CB	-1B(70ft)	5	x	×		×		×							
1 /	27/27	9	(5-125.	87917-2	70923-510-0	B-1BLISA	6	x	y		x		×							
01	27/27	4	(5-125	¥7 912-2	270923-5K-C	B-10 (40)H	7	x	X		×		K,							
	27/23	5	I	5- (25	87917-2	70923 - Sic -	co-1B(45A)	8	X	X	-	×	-	Ж							
And the second second	27/27	5	٢		1.	70923 - 5K-(B		and the second se	x	X	-	٢		X			_			_	
	1/23	9	(10977 -5/c -(fin@eogresources			x	۲		×		7	1						
	istruction	5. piea.	e eman	results to.	amber_gin	meeogresources	.com, chase_sett	leweogre	sour	ces.c	om, ji	t.mu	neye	egno	i.com						
						at tampering with or inter		ne sample loca	ation,				1						ived on ice the day t C on subsequent da		d or received
ate or time of coll elinquished by:			Date	2	Time	Received by: (Signa		Date	-	Time		_					and the second	se Onl			
elinguished by:	lich		1.0	127123	1500 Time	Received by: (Signa	Comps	Date G27: Date		Time	olS		Rece	eived	on ic	e: (Y/N		,		
Mighe	lebe	mls	- 9-	27-23	1715	X		912712	3	17	:07	C	<u>T1</u>			_ <u>T</u>	2		<u>T3</u>		
elinguished by:	: (Signature) ()	Date	27/23	Time 23:45	Received by: Mer	Man	9.28.2	13	Time 8:	15	an -	AVG	Tem	p°C_	4					
elinquished by:	v: (Signature	•)	Date		Time	Received by: (Signa		Date		Time							_				
ample Matrix: S -			Succession and the second		A CARL AND A			Containe													
Note: Sample	les are disca	rded 30 da	ys after re	esults are rep	ported unless o	other arrangements are ples received by the la	e made. Hazardous	samples wil	l be re	turne	d to cli	ient o	r disp	osed o	of at th	e clien	expens	e. The	report for the a	nalysis of th	e above



Project In	formation	ain of Cust	tody												Page _	<u>2</u> of _						
Client: Project:	12566090/Ja	GHD				Bill To tention: EOG Amber Griffin		Lab				e On Job N		her		D 2D	T/ 3D	AT Stand	dard	EPA P	rogram SDWA	3
	lanager: M			_ ori/JT Muri	10001200000	dress: 1045 4th st,		Lab WO# E 309215				190	34	.00				R	G ()	CWA	50 111	
Address:				/	INCOMPACT 1	y, State, Zip:Artesia, NM 88210						Analy	sis an	nd Me	thod				_		RCRA	7
City, Stat Phone:	e, Zip: Albug (425)-	uerque, 563-651(10		one: nail: amber griffin@eogresources	com	8015	10											State		-
mail:	Moshghan.Mansoori@ghd.com								y 801	1			0.0	~	~			NN	N CO	28 / CO 454 / L'SS 264	TX	
Report d								ORO b	ORO b	oy 8021	y 826	s 6010	de 30	C - NN	005- TX			-				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID)		Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by	VOC by 8260	Metals (Chloride 300.0	BGDOC - NM	TCEQ 1005-					Remarks		
112	9/27/23	5	1	5-1290	87918-2	70923 - SIC - (B-1 B(60.47)	11	x	x		×		2									
113	9/27/23	5	1	5-123	87914-2	70923-5K-68-1B(65A	12	x	×		x		X				-					
1114	9/27/23	5	1	5-125	87914-2	170923 -SK- (0-1BCMA	13	x	×		X		×									
lis	u/22/27	5	1			270923-sk-c8-20(7 set)	2.000	x	7		×		7									
128	9/27/27	S	1			270923-5/E-CD-28(WA)	Contraction of the second s	x	x		×		X,									2
	9/27/23	5	ĩ	2-123	87914 -	270923-316-60-28 (154)	16	x	×		x		x									
-	4/27/27	ÿ	(5-125	87919-2	70923-Sz-CO-2B(2094)	The statement of the statement of the	Y	x		x		×									
	4/27/27	S	1	51258	7914-27	0923-56-(8-28(2584)	18	×	X		x		×									_
	a/27/27	5	1	5-1258	\$ 7914-27	10927 - SK - CA-2Q(302+)	19	x	۴		7		×									
1177	9/27/27	5	1	2.58 - 1547.85 - S	Contraction and a second	70923-51c-CD-20 (354	20	Y	4		K		¥	1								
ddition	al Instruction	ns: plea	ise email	results to:	amber_griff	in@eogresources.com, chase_set	tle@eogre	esour	ces.c	om; j	jt.mı	irrey(@gha	d.con	1							
	oler), attest to the of collection is co					t tampering with or intentionally mislabelling th Sampled by:	ne sample loca	ation,				1						ceived on ice 5 °C on subse			ed or receive	d
	ed by: (Signature	e)	Date 9	127127	Time 1500	Received by: (Signature)	Date 9-27	23	Time	015	e.	Rece	eived	on ic	e:	Lab	Use Or N	ily				
Mic	Date Time Received by: (Signature) Ulli Current G-27.23 Time Ind by: (Signature) Date Time Received by: (Signature) Date Gignature) Date Time Image: Signature) Date Time Received by: (Signature) Image: Signature) Date Time Received by: (Signature)							23	Time	1:0	6	<u>T1</u>			_ :	Г2		<u>T3</u>				
elinguish								23	Time 8	:15	5	AVG	Tem	np °C_	4							
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	rix: S - Soil, Sd - So		Containe		1000		1997 - 1997 -															
Note: S	amples are disc		ALL DESCRIPTION OF A DE	and the second sec		ther arrangements are made. Hazardous les received by the laboratory with this C	Contraction and a second of the second												or the an	alysis of th	ne above	
						Pa	ge 39 of	44			61 	E	1			e	P	V	ir	0	te	;C



Release Project Information

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SDWA	eived by OCD:
RCRA	1
ТХ	1/1/2023 4:54:09 PM
	4:54:

Client: GHD Bill To Project: 12566090/Jackson B #57 Attention: EOG Amber Griffin								Lab U			ıb Us	se On	ly					TAT		EPA Pi	ogram		
							OG Amber Grit	fin		Lab	WO#	~		I doL	Num	ber	~	1D 2		D St	andard	CWA	SDWA
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	e, Zip: Albuc				AND AND A STATE	hone:	ip:Artesia, NM	00210		-				Analy	isis ar		thod					<u>.</u>	RCRA
Phone:		563-651					er griffin@eog	resources	com	5	ŝ											State	
Email:	Moshghan			om	_	indin unio	er grinne cog	icsources.	<u>com</u>	801	8015			_	0.	-					NM CO		TX
Report d	ue by:									to by	ko by	802	8260	5010	300	WN-	15- TX						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID)				Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 802	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005-					Remarks	
1184	9/29/27	8	1	5-12	\$87914-	270127	-SK - CB-2	B(40pt)	21	×	×		×		×								
0133	9/27/27	\$	1	5-12	587914-	270923-	SK-CB-2	B(45#1)	22	x	x		×		۴								
1174	1/27/27	5	1				7-5x-cB-			x	x		ス		×								
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Additior	al Instruction	ns: plea	se email i	results to:	amber_grif	fin@eogre	sources.com, o	hase_settl	e@eogre	sour	ces.c	om; ji	t.mu	irrey(@gha	d.con	1						
	pler), attest to the of collection is co					at tampering w	ith or intentionally Sampled by:	mislabelling the	sample loc	ation,	1	_		An ann Alberta							on ice the day t subsequent day		d or received
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	rlye		21	12/12)	1500		00000	une	9-27,	23	14	15		Rece	eived	l on id	e:	N					
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9	Co of Isignatur	-/ /		21/12	23:45	I A	Ha	now	Date 0.28-	12	8	15	-	AVG	Tar	- °c	4	1					
Aleinquished by: (Signature) Aleinquished by: (Signature) Aleinquished by: (Signature) Date Time Received by: (Signature)							un	Date	05	0 • Time	15		AVG	Tem	ip C								
Sample Mat	rix: S - Soil, Sd - So	olid, Sg - Slud	ge, A - Aqueo	ous, O - Other					Containe	r Type	: g - g	glass, j	p - pc	l oly/pl	astic,	ag - a	imbe	r glass	, v - VC		1		
Note: S	Samples are disc						ments are made.	Hazardous s	amples wi	ll be re	turne	d to cli	ient o	or disp	osed	of at t	ne clie				ort for the ar	nalysis of th	e above
		sa	mples is ap	plicable only	to those sam	ples received	by the laboratory	with this CO	C. The liab	ility of	the la	borato	ory is	limited	d to tl	he am	ount p	aid for	r on the	e report.	ort for the ar		

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	GHD E	Date Received:	09/28/23 08:	15	Work Order ID: E309215
Phone:	(505) 884-0672 E	Date Logged In:	09/27/23 17:	15	Logged In By: Caitlin Mars
Email:		Due Date:	09/29/23 17	00 (1 day TAT)	
<u>Chain o</u>	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	n the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.		Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Client asked to add Btex and remove VOC
Sample	<u>Cooler</u>				by 8260. Corrected sample names on COC
7. Was a	sample cooler received?		Yes		
8. If yes,	, was cooler received in good condition?		Yes		
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re-		Yes		
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample te	mnerature: 4º	C		
	Container	<u> </u>	<u> </u>		
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample container	rs collected?	Yes		
Field La					
	e field sample labels filled out with the minimum inform	nation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		
	Collectors name?		Yes		
	Preservation s the COC or field labels indicate the samples were pres	ornad?	Na		
	sample(s) correctly preserved?		No NA		
	b filteration required and/or requested for dissolved met	tals?	No		
			110		
	a <u>ase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase [:]	9	NI-		
	s, does the COC specify which phase(s) is to be analyze		No		
-		cu!	NA		
	ract Laboratory	_			
	samples required to get sent to a subcontract laboratory		No		
· · · · · · · · · · · · · · · · · · ·	a subcontract laboratory specified by the client and if se	o who?	NA S	ubcontract Lab	

Date

envirotech Inc.

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Project Information

Client:

Address:

Phone:

Email:

Time

Sampled

1102

1103

1104

1105

1106

1107

1108

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1110

1(1)

Report due by:

Date Sampled

4/27/23

9/27/27

1/27/22

a/27/23

127/27

127/27

127/27

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Relinquished by: (Signature)

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amphih

Matrix

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Chain of Custody

Page ____ of 3

envirotech

Received by OCD: 11/1/2023 4:54:09 PM

368

GHD Bill To Lab Use Only TAT **EPA Program** Project: 12566090/Jackson B #57 Attention: EOG Amber Griffin Job Number 1D 2D 3D Standard Lab WO# CWA **SDWA** Project Manager: Moshgahan Mansoori/JT Murrey 19034.0001 Address: 1045 4th st, F309 x 7 6121 Indian School Rd, NE, st.200 City, State, Zip:Artesia, NM 88210 Analysis and Method RCRA City, State, Zip: Albuquerque, NM, 87110 Phone: (425)-563-6516 Email: amber griffin@eogresources.com State **DRO/ORO by 8015** 8015 Moshghan.Mansoori@ghd.com NM CO UT AZ TX 300.0 6010 MN × GRO/DRO by (OC by 8260 TCEQ 1005-Chloride . BTEX by BGDOC -Lab No. of Sample ID Remarks Containers Number 270923-50-1B-1B(109) λ Client Oshed to x 2 270923-5- (B-1B(15++) X 50 x add Blexand 3 x 7.70923-SK-CB-1B(20A+) remove vocs x Corrected Sample x 71920-51-CB-11(25 4 5 X x 270923-576-CB-1B(30ft) x names. 1 7. 9/28/23 CM x -270923-SK-CD-1.BLISA) 0 x -CB-10 (40's) x 270923-5K X Г X 270425 - Ste- CB- 1B(45 A) 7. -12587914-270927-1K (B-1B(SOFF) X 10 5+12587mg-270977-510-13(55A+) K Additional Instructions: please email results to: amber_griffin@eogresources.com, chase_settle@eogresources.com; jt.murrey@ghd.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Date Received by: (Signature) Lab Use Only 9/27/23 1500 1615 111/2 Received on ice: Received by: (Signature) 9/27/23 17:00 JIS T3 Date 912723 23:45 :15 1.73 AVG Temp °C Date ime Received by: (Signature) Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Released to Imaging: 3/22/2024 8:59:38 AM

Project Information C	Chain of Cus	ustody Page_2												2 of		~				
Client: GHD Bill To Project: 12566090/Jackson B #57 Attention: EOG Amber Griffin Project Manager: Moshgahan Mansoori/JT Murrey Address: 1045 4th st, Address: 6121 Indian School Rd, NE, st.200 City, State, Zip: Albuquerque, NM, 87110 City, State, Zip:Artesia, NM 88210		Lab E		La 721.	5	_	Jumb 34	d Met		1D :	2D	TA 3D	Sta	indard 🌪	EPA CW/		am DWA CRA			ed by OCD: 11/1/2023 4:54:09 PM
Phone: (425)-563-6516 Email: Moshghan.Mansoori@ghd.com Report due by:		DRO/ORO by 8015	GRO/DRO by 8015	y 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	X1 - 500						State					1/2023 4:
Time Sampled Date Sampled Matrix No. of Containers Sample ID	Imple ID Lab Number								TCEQ 1005-						Rema	rks				54:09
1112 9/27/23 5 / 5-12587914-270223 SIC-(B-1B(60A)	atom the state	x	à	X	x		k													PM
1113 9/27/23 5 1 9-12587914-270922-510-1B(6.		×	×	X	K		x													
114 9/27/28 5 1 5 12587914-270727 5k- (0-1BCA	1413	x	×	X	K'		×													
1115 4/21/27 5 1 5-125 87414-270923-5K-60-20(75e	+) 14	X	x	X	×		×													
1128 9/27/27 5 1 3-12587914-270923-Ste-CD-28CWA) 15	x	X	X	¥		X.													
1129 4/27/23 5 1 2-12587914-270123 1K= CO-2B CISA	14	X	x	X	×		x													
1170 4/27/27 5 1 5-12587918-270923=5K=CO-2B(20F	4) 17	X	x	X	X		×													
1131 4/27/27 S + 5-13587914-270923-56-(B-2B(2584)	18	X	X	X	X		X						and a second							
432 9/27/27 5 1 5-12587914-270927-5= CA-20(30A+)	19	x	X	X	4		X								310					
1177 9/27/27 5 1 5-12587414-270937-Sic-CD-20 (756)	20	Y	¥	X	A.		¥													
Additional Instructions: please email results to: amber_griffin@eogresources.com, chase_se	ettle@eogra	esour	ces.c	om; jt	.mu	rrey@	ghd	.com												
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling date or time of collection is considered fraud and may be grounds for legal action.	g the sample loc	ation,												n ice the day ubsequent d	A REAL PROPERTY AND A REAL	mpled or r	eceived			
Relinquished by: (Signature) Date Time Received by: (Signature) 9/27/27 1560 AUCULL Clurk	Date 9-27	23	Time	15		Poro	ined	an ice		La		e Onl	ly			-				
Relinquished by: (Signature) Date C. 27 23 [7] 5 Received by: (Signature)	Date	2	Time	1:00			iveu	on ice			IN									
Relingerished by: (Signature) Date Time Received by (Signature)	Date Or 20	12	Time	:15		<u>T1</u>			-4	12			-	<u>T3</u>		-				
Plan 9/27/23 23:45 Cautha Man Relinquished by: (Signature) Date Time Received by: (Signature)	Date	0	Time	.15		AVG	Tem	p °C_	1											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Containe																			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardo samples is applicable only to those samples received by the laboratory with this	us samples wi COC. The liab	ll be re ility of	the la	d to cli borato	ent o ry is l	r dispo imited	osed o d to th	f at the	e clie unt p	nt exp aid fo	ense. ron t	The he rep	report.	t for the a	analysis o	f the ab	ove		,	P
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Pa	age 43 of	44																		f 368

Project Information

Released to Imaging: 3/22/2024 8:59:38 AM

Chain of Custody

Page 3 of 3

Client: GHD Bill To Lab Use Only TAT **EPA Program** Project: 12566090/Jackson B #57 Attention: EOG Amber Griffin Job Number 1D 2D 3D Standard CWA **SDWA** Lab WO# 19034.0001 Project Manager: Moshgahan Mansoori/JT Murrey Address: 1045 4th st. 309715 X 8 Address: 6121 Indian School Rd, NE, st.200 City, State, Zip:Artesia, NM 88210 Analysis and Method RCRA City, State, Zip: Albuquerque, NM, 87110 Phone: Phone: (425)-563-6516 Email: amber griffin@eogresources.com State DRO/ORO by 8015 GRO/DRO by 8015 Email: Moshghan.Mansoori@ghd.com NM CO UT AZ TX Chloride 300.0 8021 MM 6010 VOC by 8260 Report due by: CEQ 1005 BTEX by BGDOC -Time Lab Metals No. of **Date Sampled** Sample ID Matrix Remarks Containers Sampled Number × 7/23127 × 270927 Se= 18-2B(4004) 1124 r 0137 9/27/27 22 x 270923-5K-CB-2B(4585) x Y 1174 25 X 2/27/27 270429-5×-CB-20(50,1) Additional Instructions: please email results to: amber_griffin@eogresources.com, chase_settle@eogresources.com; jt.murrey@ghd.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. date or time of collection is considered fraud and may be grounds for legal action. Sampled by Relinquished by: (Signature) 9/27/27 Received by: (Signature) Lab Use Only 1500 Anlys Much Received on ice: N/N Relinquished by: (Signature) Received by 9/21/23 17:00 T3 Relinquished by (Signature) lime 8:15 1.3 23:45 AVG Temp °C Relinquished by: (Signature) Date Received by: (Signature) Date Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. envirotech

Page 44 of 44

of 368

Report to: Moshghan Mansoori



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 1250

12566090/ Jackson B #57

Work Order: E304101

Job Number: 19034-0001

Received: 4/20/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/26/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 4/26/23

Moshghan Mansoori 6121 Indian School Rd. NE #200 Albuquerque, NM 87110

Project Name: 12566090/ Jackson B #57 Workorder: E304101 Date Received: 4/20/2023 8:15:00AM

Moshghan Mansoori,



Page 72 of 368

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/20/2023 8:15:00AM, under the Project Name: 12566090/ Jackson B #57.

The analytical test results summarized in this report with the Project Name: 12566090/ Jackson B #57 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CB-1A (10 ft)	6
CB-1A (15 ft)	7
CB-1A (20 ft)	8
CB-1A (25 ft)	9
CB-1A (30 ft)	10
CB-1A (35 ft)	11
CB-1A (40 ft)	12
CB-1A (45 ft)	13
CB-1A (50 ft)	14
CB-1A (55 ft)	15
CB-1A (65 ft)	16
CB-1A (70 ft)	17
CB-1A (75 ft)	18
CB-1A (60 ft)	19
CB-2A (10 ft)	20
CB-2A (15 ft)	21
CB-2A (20 ft)	22
CB-2A (25 ft)	23
CB-2A (30 ft)	24
CB-2A (35 ft)	25

•

Table of Contents (continued)

CB-2A (40 ft)	26
CB-2A (45 ft)	27
CB-2A (50 ft)	28
QC Summary Data	29
QC - Volatile Organic Compounds by EPA 8260B	29
QC - Nonhalogenated Organics by EPA 8015D - GRO	31
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
QC - Anions by EPA 300.0/9056A	35
Definitions and Notes	37
Chain of Custody etc.	38

Sample Summary

		Sample Sum				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	12566090/ Jackson 19034-0001 Moshghan Mansoor		Reported: 04/26/23 13:54	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
CB-1A (10 ft)	E304101-01A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (15 ft)	E304101-02A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (20 ft)	E304101-03A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (25 ft)	E304101-04A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (30 ft)	E304101-05A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (35 ft)	E304101-06A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (40 ft)	E304101-07A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (45 ft)	E304101-08A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (50 ft)	E304101-09A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (55 ft)	E304101-10A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (65 ft)	E304101-11A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (70 ft)	E304101-12A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (75 ft)	E304101-13A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-1A (60 ft)	E304101-14A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (10 ft)	E304101-15A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (15 ft)	E304101-16A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (20 ft)	E304101-17A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (25 ft)	E304101-18A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (30 ft)	E304101-19A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (35 ft)	E304101-20A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (40 ft)	E304101-21A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (45 ft)	E304101-22A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	
CB-2A (50 ft)	E304101-23A	Soil	04/19/23	04/20/23	Glass Jar, 2 oz.	



	S	ample D	ata				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name Project Numl Project Mana	ber: 1903	66090/ Jack 34-0001 hghan Man				Reported: 4/26/2023 1:54:26PM
	(CB-1A (10 ft)					
		E304101-01					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2316037
Benzene	ND	0.0250	1	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	l	04/20/23	04/20/23	
Toluene	ND	0.0250	1	l	04/20/23	04/20/23	
p-Xylene	ND	0.0250	1	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8		101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8		101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	1	04/20/23	04/21/23	
Surrogate: n-Nonane		117 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2316049
Chloride	97.0	20.0	1	1	04/20/23	04/21/23	



Sample Data

	50	ample D	ลเล				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name:12566090/ JacksoProject Number:19034-0001Project Manager:Moshghan Manso					Reported: 4/26/2023 1:54:26PM
	С	B-1A (15 ft)					
]	E304101-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/20/23	
Toluene	ND	0.0250		1	04/20/23	04/20/23	
-Xylene	ND	0.0250		1	04/20/23	04/20/23	
,m-Xylene	ND	0.0500		1	04/20/23	04/20/23	
Fotal Xylenes	ND	0.0250		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/20/23	04/20/23	
urrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8		102 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8		102 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0		1	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/21/23	
Surrogate: n-Nonane		114 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	60.9	20.0		1	04/20/23	04/21/23	



Sample Data

	3	ample D	ลเล				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manag	er: 1903	56090/ Jacl 34-0001 hghan Mai		¥57		Reported: 4/26/2023 1:54:26PM
	0	CB-1A (20 ft)					
		E304101-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/20/23	
oluene	ND	0.0250		1	04/20/23	04/20/23	
-Xylene	ND	0.0250		1	04/20/23	04/20/23	
,m-Xylene	ND	0.0500		1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		04/20/23	04/20/23	
urrogate: Toluene-d8		105 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		04/20/23	04/20/23	
urrogate: Toluene-d8		105 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0		1	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/21/23	
urrogate: n-Nonane		112 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	44.2	20.0		1	04/20/23	04/21/23	



Sample Data

	52	ample D	ลเล					
GHD	Project Name:		56090/ Jac	kson B ‡	¥57			
6121 Indian School Rd. NE #200	Project Numbe		34-0001		Reported:			
Albuquerque NM, 87110	Project Manag	er: Mos	hghan Ma	nsoori			4/26/2023 1:54:26PM	
	С	B-1A (25 ft)						
		E304101-04						
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2316037	
Benzene	ND	0.0250		1	04/20/23	04/20/23		
Ethylbenzene	ND	0.0250		1	04/20/23	04/20/23		
Toluene	ND	0.0250		1	04/20/23	04/20/23		
o-Xylene	ND	0.0250		1	04/20/23	04/20/23		
o,m-Xylene	ND	0.0500		1	04/20/23	04/20/23		
Fotal Xylenes	ND	0.0250		1	04/20/23	04/20/23		
Surrogate: Bromofluorobenzene		101 %	70-130		04/20/23	04/20/23		
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/20/23	04/20/23		
Surrogate: Toluene-d8		103 %	70-130		04/20/23	04/20/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/20/23		
Surrogate: Bromofluorobenzene		101 %	70-130		04/20/23	04/20/23		
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/20/23	04/20/23		
urrogate: Toluene-d8		103 %	70-130		04/20/23	04/20/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2316043	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/20/23	04/21/23		
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/21/23		
Surrogate: n-Nonane		116 %	50-200		04/20/23	04/21/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2316049	
Chloride	38.7	20.0		1	04/20/23	04/21/23		



Sample Data

	50	ampie D	ala				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manag	er: 1903	56090/ Jac 34-0001 hghan Ma		¥57		Reported: 4/26/2023 1:54:26PM
	C	B-1A (30 ft)					
		E304101-05					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/20/23	
Toluene	ND	0.0250		1	04/20/23	04/20/23	
p-Xylene	ND	0.0250		1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500		1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8		99.6 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8		99.6 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0		1	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/21/23	
Surrogate: n-Nonane		112 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2316049
Chloride	23.9	20.0		1	04/20/23	04/21/23	



Sample Data

	50	ample D	ala				
GHD 6121 Indian School Rd. NE #200	Project Name: Project Numbe		56090/ Jack 34-0001	Reported:			
Albuquerque NM, 87110	Project Manager: Moshghan Mansoori						4/26/2023 1:54:26PM
	С	B-1A (35 ft)					
		E304101-06					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/20/23	
Ethylbenzene	2.65	0.0250		1	04/20/23	04/20/23	
°oluene	0.815	0.0250		1	04/20/23	04/20/23	
-Xylene	1.26	0.0250		1	04/20/23	04/20/23	
,m-Xylene	2.14	0.0500		1	04/20/23	04/20/23	
Total Xylenes	3.40	0.0250		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130		04/20/23	04/20/23	
urrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/20/23	
urrogate: Toluene-d8		108 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY				Batch: 2316037
Gasoline Range Organics (C6-C10)	114	20.0		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130		04/20/23	04/20/23	
'urrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/20/23	
urrogate: Toluene-d8		108 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: JL				Batch: 2316043
Diesel Range Organics (C10-C28)	1730	250	1	0	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	500	1	0	04/20/23	04/22/23	
urrogate: n-Nonane		115 %	50-200		04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	ND	20.0		1	04/20/23	04/21/23	



Sample Data

	5	ample D	ala				
GHD	Project Name		56090/ Jac		D		
6121 Indian School Rd. NE #200	Project Numb						Reported: 4/26/2023 1:54:26PM
Albuquerque NM, 87110	Project Mana	ger: Mos	ngnan Ma	nsoori			4/20/2023 1:54:20PM
	(CB-1A (40 ft)					
		E304101-07					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/20/23	
Ethylbenzene	0.286	0.0250		1	04/20/23	04/20/23	
Toluene	0.0895	0.0250		1	04/20/23	04/20/23	
o-Xylene	0.153	0.0250		1	04/20/23	04/20/23	
,m-Xylene	0.223	0.0500		1	04/20/23	04/20/23	
Total Xylenes	0.376	0.0250		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/20/23	04/20/23	
urrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/20/23	04/20/23	
urrogate: Toluene-d8		98.4 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	Batch: 2316037		
Gasoline Range Organics (C6-C10)	28.8	20.0		1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/20/23	04/20/23	
urrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/20/23	04/20/23	
urrogate: Toluene-d8		98.4 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2316043
Diesel Range Organics (C10-C28)	429	50.0		2	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	112	100		2	04/20/23	04/22/23	
urrogate: n-Nonane		111 %	50-200		04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	ND	20.0		1	04/20/23	04/21/23	



Sample Data

	5	ample D	ala				
GHD 6121 Indian School Rd. NE #200	Project Name Project Numb	ber: 1903	56090/ Jack 34-0001		Reported:		
Albuquerque NM, 87110	Project Mana	ger: Mos	hghan Man			4/26/2023 1:54:26PM	
	(CB-1A (45 ft)					
		E304101-08					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2316037
Benzene	ND	0.0250	1	l	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	l	04/20/23	04/21/23	
oluene	ND	0.0250	1	l	04/20/23	04/21/23	
-Xylene	ND	0.0250	1	l	04/20/23	04/21/23	
,m-Xylene	ND	0.0500	1	l	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	l	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8		97.3 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		97.3 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: JL				Batch: 2316043
Diesel Range Organics (C10-C28)	90.5	25.0	1	l	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	l	04/20/23	04/21/23	
urrogate: n-Nonane		113 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2316049
Chloride	ND	20.0	1	1	04/20/23	04/21/23	



Sample Data

	5	ample D	ala					
GHD 6121 Indian School Rd. NE #200	Project Name		56090/ Jack 34-0001	son B #	57		Reported:	
Albuquerque NM, 87110	Project Numb Project Mana		hghan Man		4/26/2023 1:54:26PM			
Albuquerque NW, 8/110	Floject Mana	gei. Wios	ngnan Man	ISOOTI			4/20/2023 1.34.201 W	
	(CB-1A (50 ft)						
		E304101-09						
		Reporting						
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037	
Benzene	ND	0.0250	1	1	04/20/23	04/21/23		
Ethylbenzene	ND	0.0250	1	1	04/20/23	04/21/23		
Toluene	ND	0.0250	1	1	04/20/23	04/21/23		
p-Xylene	ND	0.0250	1	1	04/20/23	04/21/23		
o,m-Xylene	ND	0.0500	1	1	04/20/23	04/21/23		
Fotal Xylenes	ND	0.0250	1	1	04/20/23	04/21/23		
Surrogate: Bromofluorobenzene		104 %	70-130		04/20/23	04/21/23		
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/21/23		
Surrogate: Toluene-d8		98.4 %	70-130		04/20/23	04/21/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2316037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/20/23	04/21/23		
Surrogate: Bromofluorobenzene		104 %	70-130		04/20/23	04/21/23		
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/21/23		
Surrogate: Toluene-d8		98.4 %	70-130		04/20/23	04/21/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316043	
Diesel Range Organics (C10-C28)	57.7	25.0	1	1	04/20/23	04/21/23		
Dil Range Organics (C28-C36)	ND	50.0	1	1	04/20/23	04/21/23		
Surrogate: n-Nonane		112 %	50-200		04/20/23	04/21/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049	
Chloride	ND	20.0	1	1	04/20/23	04/21/23		



Sample Data

	5	ample D	ala				
GHD 6121 Indian School Rd. NE #200	Project Name: Project Numb		56090/ Jack 34-0001	son B #	57		Reported:
Albuquerque NM, 87110	Project Manag		hghan Man	4/26/2023 1:54:26PM			
	(CB-1A (55 ft)					
		E304101-10					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Benzene	ND	0.0250	:	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	1	04/20/23	04/21/23	
Fotal Xylenes	ND	0.0250		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8		102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316043
Diesel Range Organics (C10-C28)	26.7	25.0	1	1	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/21/23	
Surrogate: n-Nonane		115 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	ND	20.0		1	04/20/23	04/21/23	



Sample Data

	Di	ample D	ala				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manag	er: 1903	56090/ Jack 34-0001 hghan Mar		ŧ57		Reported: 4/26/2023 1:54:26PM
	C	CB-1A (65 ft)					
		E304101-11					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/21/23	
Toluene	ND	0.0250		1	04/20/23	04/21/23	
o-Xylene	ND	0.0250		1	04/20/23	04/21/23	
o,m-Xylene	ND	0.0500		1	04/20/23	04/21/23	
Fotal Xylenes	ND	0.0250		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		99.9 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8		99.9 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316043
Diesel Range Organics (C10-C28)	26.6	25.0		1	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/21/23	
urrogate: n-Nonane		116 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	ND	20.0		1	04/20/23	04/21/23	



Sample Data

	Di	ample D	ala				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manag	er: 1903	56090/ Jacl 34-0001 hghan Mar		ŧ57		Reported: 4/26/2023 1:54:26PM
	С	CB-1A (70 ft)					
		E304101-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/21/23	
oluene	ND	0.0250		1	04/20/23	04/21/23	
-Xylene	ND	0.0250		1	04/20/23	04/21/23	
o,m-Xylene	ND	0.0500		1	04/20/23	04/21/23	
Fotal Xylenes	ND	0.0250		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		99.7 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/20/23	04/21/23	
'urrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		99.7 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316043
Diesel Range Organics (C10-C28)	39.2	25.0		1	04/20/23	04/21/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/21/23	
Surrogate: n-Nonane		115 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	ND	20.0		1	04/20/23	04/21/23	



Sample Data

	52	ample D	ata				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manag	er: 1903	56090/ Jack 34-0001 hghan Man		7		Reported: 4/26/2023 1:54:26PM
	С	B-1A (75 ft)					
		E304101-13					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2316037
Benzene	ND	0.0250	1	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	1	04/20/23	04/21/23	
-Xylene	ND	0.0250	1	1	04/20/23	04/21/23	
o,m-Xylene	ND	0.0500	1	1	04/20/23	04/21/23	
Fotal Xylenes	ND	0.0250	1	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8		101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	1	04/20/23	04/22/23	
Surrogate: n-Nonane		117 %	50-200		04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: F	AS		Batch: 2316049
Chloride	ND	20.0	1	1	04/20/23	04/21/23	



Sample Data

	50	ample D	ala			
GHD 6121 Indian School Rd. NE #200	Project Name: Project Numbe	er: 1903	66090/ Jacks 34-0001			Reported:
Albuquerque NM, 87110	Project Manag	ger: Mos	hghan Mans	4/26/2023 1:54:26PM		
	С	CB-1A (60 ft)				
		E304101-14				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2316037
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
-Xylene	ND	0.0250	1	04/20/23	04/21/23	
,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
urrogate: Bromofluorobenzene		100 %	70-130	04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/20/23	04/21/23	
urrogate: Toluene-d8		102 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
urrogate: Bromofluorobenzene		100 %	70-130	04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/20/23	04/21/23	
urrogate: Toluene-d8		102 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2316043
Diesel Range Organics (C10-C28)	35.3	25.0	1	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/22/23	
urrogate: n-Nonane		114 %	50-200	04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2316049
Chloride	ND	20.0	1	04/20/23	04/21/23	



Sample Data

	Sa	imple D	ลเล				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manage	r: 1903	66090/ Jacl 84-0001 hghan Mar		ŧ57		Reported: 4/26/2023 1:54:26PM
	С	B-2A (10 ft)					
]	E304101-15					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/21/23	
oluene	ND	0.0250		1	04/20/23	04/21/23	
-Xylene	ND	0.0250		1	04/20/23	04/21/23	
,m-Xylene	ND	0.0500		1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		103 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/20/23	04/21/23	
'urrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		103 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0		1	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/22/23	
urrogate: n-Nonane		108 %	50-200		04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	240	20.0		1	04/20/23	04/21/23	



Sample Data

	Sa	imple D	ลเล				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manage	r: 1903	56090/ Jac 34-0001 hghan Ma		¥57		Reported: 4/26/2023 1:54:26PM
	C	B-2A (15 ft)					
]	E304101-16					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/21/23	
Toluene	ND	0.0250		1	04/20/23	04/21/23	
o-Xylene	ND	0.0250		1	04/20/23	04/21/23	
,m-Xylene	ND	0.0500		1	04/20/23	04/21/23	
Fotal Xylenes	ND	0.0250		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		104 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8		104 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0		1	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/22/23	
urrogate: n-Nonane		113 %	50-200		04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2316049
Chloride	82.7	20.0		1	04/20/23	04/21/23	



Sample Data

	3	ample D	ลเล				
GHD 6121 Indian School Rd. NE #200	Project Name Project Numb		66090/ Jaci 84-0001	kson B ‡	¥57		Reported:
Albuquerque NM, 87110	Project Mana	ger: Mos	hghan Ma	nsoori			4/26/2023 1:54:26PM
	(CB-2A (20 ft)					
		E304101-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/21/23	
°oluene	ND	0.0250		1	04/20/23	04/21/23	
-Xylene	ND	0.0250		1	04/20/23	04/21/23	
,m-Xylene	ND	0.0500		1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250		1	04/20/23	04/21/23	
urrogate: Bromofluorobenzene		98.2 %	70-130		04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		100 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/21/23	
urrogate: Bromofluorobenzene		98.2 %	70-130		04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		100 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: ЛL		Batch: 2316043
Diesel Range Organics (C10-C28)	ND	25.0		1	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/22/23	
urrogate: n-Nonane		114 %	50-200		04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	137	20.0		1	04/20/23	04/21/23	



Sample Data

	56	ample D	ลเล				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manag	er: 1903	56090/ Jack 34-0001 hghan Mar		ŧ57		Reported: 4/26/2023 1:54:26PM
	С	B-2A (25 ft)					
		E304101-18					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Benzene	ND	0.0250		1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250		1	04/20/23	04/21/23	
oluene	ND	0.0250		1	04/20/23	04/21/23	
-Xylene	ND	0.0250		1	04/20/23	04/21/23	
,m-Xylene	ND	0.0500		1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/20/23	04/21/23	
urrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		104 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/20/23	04/21/23	
urrogate: Toluene-d8		104 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316043
Diesel Range Organics (C10-C28)	29.2	25.0		1	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/20/23	04/22/23	
urrogate: n-Nonane		112 %	50-200		04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316049
Chloride	79.4	20.0		1	04/20/23	04/21/23	



Sample Data

	Di	ample D	ala			
GHD	Project Name:		6090/ Jacksor	n B #57		
6121 Indian School Rd. NE #200	Project Numbe		4-0001			Reported:
Albuquerque NM, 87110	Project Manag	er: Mos	hghan Mansoo	Dr1		4/26/2023 1:54:26PM
	C	CB-2A (30 ft)				
		E304101-19				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2316037
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	0.896	0.0250	1	04/20/23	04/21/23	
Toluene	0.375	0.0250	1	04/20/23	04/21/23	
p-Xylene	0.408	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	0.703	0.0500	1	04/20/23	04/21/23	
Total Xylenes	1.11	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		102 %	70-130	04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/20/23	04/21/23	
Surrogate: Toluene-d8		104 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	43.8	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		102 %	70-130	04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/20/23	04/21/23	
Surrogate: Toluene-d8		104 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2316043
Diesel Range Organics (C10-C28)	949	50.0	2	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	316	100	2	04/20/23	04/22/23	
Surrogate: n-Nonane		119 %	50-200	04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2316049
Chloride	61.9	20.0	1	04/20/23	04/21/23	



Sample Data

	52	ample D	ata			
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manag	er: 190	56090/ Jackson B 34-0001 hghan Mansoori	#57		Reported: 4/26/2023 1:54:26PM
		CB-2A (35 ft)				
		E304101-20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	t: IY		Batch: 2316037
Benzene	0.455	0.250	10	04/20/23	04/22/23	
Ethylbenzene	13.4	0.250	10	04/20/23	04/22/23	
Toluene	8.51	0.250	10	04/20/23	04/22/23	
-Xylene	5.11	0.250	10	04/20/23	04/22/23	
,m-Xylene	10.1	0.500	10	04/20/23	04/22/23	
Fotal Xylenes	15.2	0.250	10	04/20/23	04/22/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/20/23	04/22/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/20/23	04/22/23	
urrogate: Toluene-d8		108 %	70-130	04/20/23	04/22/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2316037
Gasoline Range Organics (C6-C10)	370	200	10	04/20/23	04/22/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/20/23	04/22/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/20/23	04/22/23	
Surrogate: Toluene-d8		108 %	70-130	04/20/23	04/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2316043	
Diesel Range Organics (C10-C28)	3710	250	10	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	1120	500	10	04/20/23	04/22/23	
urrogate: n-Nonane		145 %	50-200	04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2316049
Chloride	47.2	20.0	1	04/20/23	04/21/23	



Sample Data

	5	ample D	ala			
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbo Project Manag	er: 190	66090/ Jackson B 34-0001 hghan Mansoori	#57		Reported: 4/26/2023 1:54:26PM
	C	CB-2A (40 ft)				
		E304101-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	:: IY		Batch: 2316038
Benzene	0.900	0.125	5	04/20/23	04/21/23	
Ethylbenzene	19.5	0.125	5	04/20/23	04/21/23	
oluene	14.0	0.125	5	04/20/23	04/21/23	
-Xylene	7.43	0.125	5	04/20/23	04/21/23	
,m-Xylene	15.0	0.250	5	04/20/23	04/21/23	
Total Xylenes	22.5	0.125	5	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/20/23	04/21/23	
urrogate: Toluene-d8		108 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	588	100	5	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		108 %	70-130	04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/20/23	04/21/23	
urrogate: Toluene-d8		108 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: KM			Batch: 2316045
Diesel Range Organics (C10-C28)	5310	2500	100	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	5000	100	04/20/23	04/22/23	
urrogate: n-Nonane		160 %	50-200	04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	: RAS		Batch: 2316055
Chloride	45.9	20.0	1	04/20/23	04/20/23	



Sample Data

	58	imple D	ลเล			
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manage	r: 190	56090/ Jackson B 34-0001 hghan Mansoori	#57		Reported: 4/26/2023 1:54:26PM
	С	B-2A (45 ft)				
]	E304101-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	t: IY		Batch: 2316038
Benzene	0.913	0.125	5	04/20/23	04/21/23	
Ethylbenzene	11.9	0.125	5	04/20/23	04/21/23	
Toluene	10.4	0.125	5	04/20/23	04/21/23	
p-Xylene	4.34	0.125	5	04/20/23	04/21/23	
o,m-Xylene	8.97	0.250	5	04/20/23	04/21/23	
Fotal Xylenes	13.3	0.125	5	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/20/23	04/21/23	
Surrogate: Toluene-d8		106 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	381	100	5	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/20/23	04/21/23	
Surrogate: Toluene-d8		106 %	70-130	04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2316045
Diesel Range Organics (C10-C28)	4230	2500	100	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	5000	100	04/20/23	04/22/23	
Surrogate: n-Nonane		149 %	50-200	04/20/23	04/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2316055
Chloride	318	20.0	1	04/20/23	04/20/23	



Sample Data

	Da	imple D	ala			
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Project Numbe Project Manage	r: 190	66090/ Jackson B 34-0001 hghan Mansoori	#57		Reported: 4/26/2023 1:54:26PM
		B-2A (50 ft)				
]	E304101-23				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	t: IY		Batch: 2316038
Benzene	10.6	0.250	10	04/20/23	04/24/23	
Ethylbenzene	38.5	0.250	10	04/20/23	04/24/23	
oluene	47.9	0.250	10	04/20/23	04/24/23	
-Xylene	12.5	0.250	10	04/20/23	04/24/23	
,m-Xylene	26.8	0.500	10	04/20/23	04/24/23	
Total Xylenes	39.3	0.250	10	04/20/23	04/24/23	
urrogate: Bromofluorobenzene		106 %	70-130	04/20/23	04/24/23	
urrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/20/23	04/24/23	
urrogate: Toluene-d8		102 %	70-130	04/20/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	766	200	10	04/20/23	04/24/23	
urrogate: Bromofluorobenzene		106 %	70-130	04/20/23	04/24/23	
'urrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/20/23	04/24/23	
urrogate: Toluene-d8		102 %	70-130	04/20/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2316045
Diesel Range Organics (C10-C28)	6850	2500	100	04/20/23	04/22/23	
Dil Range Organics (C28-C36)	ND	5000	100	04/20/23	04/22/23	
urrogate: n-Nonane		214 %	50-200	04/20/23	04/22/23	<i>S5</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2316055
Chloride	4500	40.0	2	04/20/23	04/20/23	



QC Summary Data

		QC SI		ii y Dat	a							
GHD		Project Name:	12	2566090/ Jack	son B #57				Reported:			
6121 Indian School Rd. NE #200		Project Number:	19	9034-0001								
Albuquerque NM, 87110		Project Manager:	М	loshghan Man	isoori		4/26/2023 1:54:26PM					
		Volatile Organic	Compo	unds by El	PA 8260I	3			Analyst: IY			
Analyte		Reporting	Spike	Source		Rec		RPD				
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2316037-BLK1)							Prepared: 04	4/20/23 An	alyzed: 04/20/23			
Benzene	ND	0.0250										
Ethylbenzene	ND	0.0250										
Toluene	ND	0.0250										
p-Xylene	ND	0.0250										
o,m-Xylene	ND	0.0500										
Total Xylenes	ND	0.0250										
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130						
Surrogate: Toluene-d8	0.517		0.500		103	70-130						
LCS (2316037-BS1)							Prepared: 04	4/20/23 An	alyzed: 04/20/23			
Benzene	2.27	0.0250	2.50		90.8	70-130						
Ethylbenzene	2.25	0.0250	2.50		90.0	70-130						
Toluene	2.29	0.0250	2.50		91.6	70-130						
p-Xylene	2.25	0.0250	2.50		90.0	70-130						
o,m-Xylene	4.45	0.0500	5.00		89.0	70-130						
Total Xylenes	6.70	0.0250	7.50		89.4	70-130						
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.541		0.500		108	70-130						
Surrogate: Toluene-d8	0.510		0.500		102	70-130						
Matrix Spike (2316037-MS1)				Source:	E304101-0)5	Prepared: 04	4/20/23 An	alyzed: 04/20/23			
Benzene	2.55	0.0250	2.50	ND	102	48-131	1		•			
Ethylbenzene	2.49	0.0250	2.50	ND	99.5	45-135						
Toluene	2.48	0.0250	2.50	ND	99.3	48-130						
p-Xylene	2.48	0.0250	2.50	ND	99.2	43-135						
o,m-Xylene	4.89	0.0500	5.00	ND	97.9	43-135						
Fotal Xylenes	7.37	0.0250	7.50	ND	98.3	43-135						
Surrogate: Bromofluorobenzene	0.547		0.500		109	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.552		0.500		110	70-130						
Surrogate: Toluene-d8	0.502		0.500		100	70-130						
Matrix Spike Dup (2316037-MSD1)				Source:	E304101-()5	Prepared: 04	4/20/23 An	alyzed: 04/20/23			
Benzene	2.44	0.0250	2.50	ND	97.4	48-131	4.77	23				
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135	4.95	27				
Toluene	2.37	0.0250	2.50	ND	94.7	48-130	4.78	24				
p-Xylene	2.34	0.0250	2.50	ND	93.8	43-135	5.64	27				
o,m-Xylene	4.69	0.0500	5.00	ND	93.8	43-135	4.25	27				
Fotal Xylenes	7.03	0.0250	7.50	ND	93.8	43-135	4.71	27				
Surrogate: Bromofluorobenzene	0.551		0.500		110	70-130						
	0.569		0.500		110	70-130						
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.369 0.498											
			0.500		99.6	70-130						



QC Summary Data

			a	ii y Dat	а				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	19	12566090/ Jackson B #57 19034-0001 Moshghan Mansoori				2	Reported: 4/26/2023 1:54:26PM
		Volatile Organic				3			Analyst: IY
		0	•	•					7 maryst. 11
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316038-BLK1)							Prepared: 04	4/20/23 An	alyzed: 04/21/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.578		0.500		116	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2316038-BS1)							Prepared: 04	4/20/23 An	alyzed: 04/21/23
Benzene	2.41	0.0250	2.50		96.3	70-130	1 .		,
Ethylbenzene	2.41	0.0250	2.50		96.2	70-130			
Toluene	2.47	0.0250	2.50		98.7	70-130			
o-Xylene	2.39	0.0250	2.50		95.6	70-130			
p,m-Xylene	4.82	0.0500	5.00		96.4	70-130			
Total Xylenes	7.21	0.0250	7.50		96.2	70-130			
Surrogate: Bromofluorobenzene	0.550	0.0250	0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.578		0.500		116	70-130			
Surrogate: 1,2-Dichoroentale-u4 Surrogate: Toluene-d8	0.578		0.500		106	70-130			
Matrix Spike (2316038-MS1)				Source:	E304099-2	21	Prepared: 04	4/20/23 An	alyzed: 04/21/23
Benzene	2.47	0.0250	2.50	ND	98.7	48-131	1		
Ethylbenzene	2.46	0.0250	2.50	ND	98.3	45-135			
Toluene	2.53	0.0250	2.50	ND	101	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.37	0.0250	7.50	ND	98.2	43-135			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.544		0.500		109	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			
Matrix Spike Dup (2316038-MSD1)				Source:	E304099-2	21	Prepared: 04	4/20/23 An	alyzed: 04/21/23
Benzene	2.51	0.0250	2.50	ND	100	48-131	1.73	23	
Ethylbenzene	2.48	0.0250	2.50	ND	99.1	45-135	0.851	27	
Toluene	2.55	0.0250	2.50	ND	102	48-130	0.688	24	
o-Xylene	2.47	0.0250	2.50			43-135	0.365	27	
p,m-Xylene	4.90	0.0500	5.00	ND	98.1	43-135	0.0408	27	
Total Xylenes	7.38 0.0250 7.50 ND 98.3		43-135	0.0950	27				
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.547		0.500		109	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
Surrogue. 1010ene-uo	0.510		0.500		105	,0-150			



QC Summary Data

		QC DI		ii y Data	a				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	19	2566090/ Jack 9034-0001 Ioshghan Man		Reported: 4/26/2023 1:54:26PM			
	No	onhalogenated O	rganics	by EPA 80	15D - GR	0			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316037-BLK1)							Prepared: 0	4/20/23 A	Analyzed: 04/20/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			
LCS (2316037-BS2)							Prepared: 0	4/20/23 A	Analyzed: 04/20/23
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.535		0.500		107	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
Matrix Spike (2316037-MS2)				Source:	E304101-0	5	Prepared: 0	4/20/23 A	Analyzed: 04/20/23
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.552		0.500		110	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
Matrix Spike Dup (2316037-MSD2)				Source:	E304101-0	5	Prepared: 0	4/20/23 A	Analyzed: 04/20/23
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	2.66	20	
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
surrogaie. Bromojiuorobenzene	0.524								
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			



QC Summary Data

		QC DI	u111111	ary Data	a				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	1	2566090/ Jack 9034-0001 Ioshghan Man		Reported: 4/26/2023 1:54:26PM			
	N	onhalogenated O	rganics	by EPA 80	15D - GR	0			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316038-BLK1)							Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.578		0.500		116	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2316038-BS2)							Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.551		0.500		110	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			
Matrix Spike (2316038-MS2)				Source:	E304099-21		Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			
Matrix Spike Dup (2316038-MSD2)				Source:	E304099-21	_	Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130	6.38	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			



QC Summary Data

		QC D	u111111	ary Data	a				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	1	2566090/ Jack 9034-0001 Ioshghan Man		Reported: 4/26/2023 1:54:26PM			
	Nonh	alogenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2316043-BLK1)							Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	57.8		50.0		116	50-200			
LCS (2316043-BS1)							Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Diesel Range Organics (C10-C28)	277	25.0	250		111	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			
Matrix Spike (2316043-MS1)				Source:	E304101-1	12	Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Diesel Range Organics (C10-C28)	322	25.0	250	39.2	113	38-132			
Surrogate: n-Nonane	55.5		50.0		111	50-200			
Matrix Spike Dup (2316043-MSD1)				Source:	E304101-1	12	Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Diesel Range Organics (C10-C28)	326	25.0	250	39.2	115	38-132	1.18	20	
Surrogate: n-Nonane	54.7		50.0		109	50-200			



QC Summary Data

		QC D	u 111111	ary Data	а				
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager:	1	2566090/ Jack 9034-0001 1oshghan Man				Reported: 4/26/2023 1:54:26PM	
	Nonh	alogenated Org				/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	6 0	6 6	00	6 6					1,0005
Blank (2316045-BLK1)							Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	50-200			
LCS (2316045-BS1)							Prepared: 0	4/20/23 A	Analyzed: 04/21/23
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			
Matrix Spike (2316045-MS1)				Source:	E304093-()9	Prepared: 0	4/20/23 A	Analyzed: 04/24/23
Diesel Range Organics (C10-C28)	1010	250	250	788	89.1	38-132			
Surrogate: n-Nonane	47.3		50.0		94.5	50-200			
Matrix Spike Dup (2316045-MSD1)				Source:	E304093-0	09	Prepared: 0	4/20/23 A	Analyzed: 04/24/23
Diesel Range Organics (C10-C28)	1250	250	250	788	187	38-132	21.5	20	M5, R2
Surrogate: n-Nonane	51.0		50.0		102	50-200			



QC Summary Data

		$\mathbf{x} \sim \mathbf{v}$, <u> </u>						
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number: Project Manager	:	12566090/ Jack 19034-0001 Moshghan Man				Reported: 4/26/2023 1:54:2	6PM	
		Anions	by EPA	300.0/9056	4				Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2316049-BLK1)							Prepared: 0	4/20/23	Analyzed: 04/21/2	3
Chloride	ND	20.0								
LCS (2316049-BS1)							Prepared: 0	4/20/23	Analyzed: 04/21/2	3
Chloride	270	20.0	250		108	90-110				
Matrix Spike (2316049-MS1)				Source:	E304101-0)1	Prepared: 0	4/20/23	Analyzed: 04/21/2	3
Chloride	365	20.0	250	97.0	107	80-120				
Matrix Spike Dup (2316049-MSD1)				Source:	E304101-0)1	Prepared: 0	4/20/23	Analyzed: 04/21/2	3
Chloride	366	20.0	250	97.0	107	80-120	0.107	20		



QC Summary Data

		$\mathbf{x} \sim \mathbf{z}$							
GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number Project Manager	:	12566090/ Jack 19034-0001 Moshghan Man				Reported: 4/26/2023 1:54:26PM	
		Anions	by EPA	300.0/9056	4				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2316055-BLK1)							Prepared: 0	4/20/23	Analyzed: 04/20/23
Chloride LCS (2316055-BS1)	ND	20.0					Prepared: 0	4/20/23	Analyzed: 04/20/23
Chloride Matrix Spike (2316055-MS1)	265	20.0	250	Source:	106 E304095-	90-110 01	Prepared: 0	4/20/23	Analyzed: 04/20/23
Chloride	272	20.0	250	ND	109	80-120	1		•
Matrix Spike Dup (2316055-MSD1)				Source:	E304095-	01	Prepared: 0	4/20/23	Analyzed: 04/20/23
Chloride	272	20.0	250	ND	109	80-120	0.154	20	
Chloride	272	20.0	250	ND	109	80-120	0.154	20)

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



GHD	Project Name:	12566090/ Jackson B #57	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Moshghan Mansoori	04/26/23 13:54

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.

R2 The RPD exceeded the acceptance limit.

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

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Chain of Custody



Client: GHD	2				1.22	Bill To		25	12). (*	de d	ab U	se On	ly:		3.8			T/	٨T		EPA Pr	ogram
Project: 125	66090 / Ja	ickson B #5	57		と現	Attention: EOG Amber Griffin			NO#		W:X	l dol	Numb	er ;		1D	2D	3D	5	itandard	CWA	SDWA
Project Mar	ager: Mo	shghan Mai	nscori/ JT	Murrey	10	Address: 1045 4th St.		E	304	101		Q	63	¥-0	N				x			
Address:612	1 Indian S	ichool Rd. I	NF. St. 200			City, State, Zip: Artesia, NM 88210	2			979 A.A.		1.11.11.1		and Me	a 96.71					Q. S. M. H. J.		RCRA
City, State,	<u> Zip: Albuq</u>	uerque, NN	<u> 87110</u>			Phone:					Т	Ι	T	ТТ	Т			<u> </u>	Т			
Phone:+1 (4	25) 563-6	516	•		in the second	Email: amber_griffin@eogresource	es.com		a												State	
Email: Mosł	ighan.mar	nsoori@gha	d.com			• •			50/0							WN				NM CO	UT AZ	тх
Report due			In			· · · · · · · · · · · · · · · · · · ·		1	la la	1203	8260	6010	l S					Ĕ				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC		DOG			Remarks	
	4/19/2023	SO	1			CB-1A (10 ft)	1		x	X	1		Ň									
	4/19/2023	50	1			CB-1A (15 ft)	2	2	X	X			X		·							
	4/19/2023	SO	1			CB-1A (20 ft)	3		X	X			X					_				
	4/19/2023	SO	1			CB-1A (25 ft)	4	, ,	X	X			X									
	4/19/2023	SO	1			CB-1A (30 ft)	5		X	X			X									
	4/19/2023	SO	1			- CB-1A (35 ft)	U.		X	X		.	X .		*							
	4/19/2023	SO	1			CB-1A (40 ft)	7		X	X			X									
	4/19/2023	SO	1			CB-1A (45 ft)	8		X	X			X									
	4/19/2023	so	1			CB-1A (50 ft)	୍ୟ	ć	X	X			X					<u> </u>	Γ			
Additional	nstruction	ns: Please	e email res	ults to: amb	per_griffin@	eogresources.com; chase_settle@	eogresources.com;	jt.mu	теу@8	shd.co	om; e	laniel	spark	s@ghd.	com				1			
	-		•	•		pering with or intentionally mislabelling the san								g thermal p) but less th					ce the c	isy they are sample	d or received p	icked in ice at ar
Relinquished				grounds for legal 4-19-23	Time	Semoled by Daniel Soar Received by: (Signature)	Date		Time 4:		-		6.2				b Use		H C.	ela estima	and a state of the state	
DE	Span			-17-23	4:30	minus	4-19-2	3	4:	30		Rece	ived c	n ice:	6)/ N			ł.			
Relinquished	K (Signatur	e)	Date	19-23	Time 4:30	Received by: (Signature)	th 4/20	123	Time	15	,	п			1.4	5 ÷	3.10 			тз ∦ (
Relinguished I	oy: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time			AVG	Temp	• <u>c 4</u>								
Sample Matrix:	s - Soil Sel - C	olid. Se - Shular	. A - Acuecus	0 - Other	1		Container	Turner	 	N	hr/~!	12	法に	a har a h	<u>199</u>	<u></u>			1			
Note: Sample:	are discard	ed 30 days af	iter results a	re reported un		ngements are made. Hazardous samples	will be returned to clien	t or disp	osed of	at the			-	-	_	_	lysis of	the abo	ove			<u> </u>
samples is ap	nicable only	to those sam	iples receive	d by the labora	atory with this (COC. The liability of the laboratory is limite	ed to the amount paid fo	or on the	e report	<u>.</u>		_	L						1			
						V						(Z						!			· · · ·
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															8				Γ	ot	ec	2 n
															<u> </u>				-	•••	-	

Received by OCD: 11/1/2023 4:54:09 PM
Project Information				Chain of Custody						Page of											
Client: GH	D					Bill To		1120		ંસ્ટ	ab U	se On	ly 🦂	388. T. S	-		T	AT		FPA P	rogram
Project: 12	– 566090 / Ja	ackson B #5	7		At	tention: EOG Amber Griffin			VO#		10.5	-	Numbe	_	<u> </u>	D 2D		· · ·	Standard	CWA	SDW
Project Ma	nager: Mo	shghan Mai	nsoori/ JT N	Murrey	- Ac	dress: 1045 4th St.		E	D u	ÍO	Ľ	19	534	0001	- 			x			
Address:61	21 Indian S	School Rd. I	NE St. 200		i i ci	y, State, Zip: Artesia, NM 88210		1.179.00019	548 (S. 1994)	eace.	7598	A A	nalysis	and Metho	od o						RCR/
City, State,	Zip: Albug	uerque. NN	<u>A 87110</u>		1. A. P.	one:					Г	<u> </u>	1			1					
Phone:+1 (425) 563-6	516			En	nail: amber_griffin@eogresources.com	<u>n</u>												<u>11. 1</u> 248-182. 1	State	<u> </u>
Email: Mos	hghan.mai	nsoori@gha	i.com		1. T) No										NM CO	UT AZ	TX
Report due	by:								/DRG	2021	38	8	l Se		WN		¥				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample (D			Number		TPH GRO/DRO/ORO by BO15	BTEX by 8021	VDC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	-ll.
	4/19/2023	SO	1			CB-1A (55 ft)	10		X	X	ſ		X		1		- <u>-</u> -	1			
	4/19/2023	SO	1			CB-1A (65 ft)	M		X	X			X								
	4/19/2023	SO	1			CB-1A (70 ft)	12		х	X			X								
	4/19/2023	SO	1			CB-1A (75 ft)	B		X	X			X								
	4/19/2023	SO	1			CB-1A (60 ft)	14		X	X			X							_	
	4/19/2023	SO	1		-	CB-2A (10 ft)	B		X	X			X								
	4/19/2023	SO	1			CB-2A (15 ft)	lle		X	X			X								
	4/19/2023	SO	1			CB-2A (20 ft)	17		Х	X			X								
	4/19/2023	so	1			CB-2A (25 ft)	18	_	Х	X			X								
	4/19/2023	ŞO	1		<u> </u>	CB-2A (30 ft)	12		х	X			X								
I, (field sample date or time of	r), attest to the	e validity and au onsidered fraud	thenticity of th		aware that tamperi	gresources.com; chase_settle@eogre ng with or intentionally mislabelling the sample loci <u>Sameled br. Daniel Sonta</u> [Received by: (Signature)			rey@g	hd.co	əm; d _	Samples	t requiring		ivation m i °C on su	bsequent	days.	ice the d	ay they are sample	d or received p	acked in ice at
\mathcal{D}	Spa	rks		4-19-23	4:30	minusy	4-19			30		Rece	ived or	n ice:	5 K Star 244	ab Use V	: Only	Рўк М	1. 10 Sec. 1.		
Relinquished	by (Signatur	re)	Datelo	-23	Time 4:30	Received by: (Signature)	- 4/20/	23	Time 8:	15		π			≠ • <u>12</u> •		in an	P NG	в		
Relinquished	by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time			AVG	Temp	<u>.</u> 4	- 						
Sample Matrix	: S - Soil, Sd - Se	olid, Sg - Sludge	, A - Aqueous, i	0 - Other	L		Container T	VD8: P	- plass	D - 00	tv/pl	stic. e	- 2mh	er place v		المرجعة أنبأ		a hanne	مرية المؤتد أخدره		مەر بەتچىدىكى مەر
Note: Sample samples is an	s are discard	ed 30 days afi to those same	ter results are ples received	e reported unle	ss other arrange	nents are made. Hazardous samples will be . The liability of the laboratory is limited to th	returned to client	or disp	osed of							alysis o	f the abo	ove			
				_,					- aport			-(3								

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Project Information		•			Chain of Custo	dy								•	Pa	age _	3 of	- -		
Client: GHD					Bill To		Ministerin			hill	0.0	ya nte	National Anna	2.1		ТА	.			
Project: 12566090 / Ja	ackson B #5	57		Atte	ntion: EOG Amber Griffin		Lab WC					lumbo	A 10. *** A 4 5. Q	1.00	D 2D	3D	<u> </u>		Progra	
Project Manager: Mo			Murrey	(internet the second sec	ress: 1045 4th St.		4 266 C				\sim $^{-1}$	15			20	130	Standard	CWA	<u>+</u> °	DWP
roject munugeri me	Singham ma		marrey		<u>(633. 2045 411 50.</u>		E 3C	게	oľ.		19	DBL	-00-				x			
Address:6121 Indian	School Rd.	NE St. 200		City	State, Zip: Artesia, NM 88210						A	nalysis	and Meth	od	_				F	CRA
City, State, Zip: Albug		<u>M 87110</u>		<u>Pho</u>							ŕ						1849 A. Sana Garage 485 - Sana Ja			
Phone:+1 (425) 563-6				<u>Ema</u>	il: amber_griffin@eogresources.	com		2										State		
Email: Moshghan.mai	nsoori@ghi	d.com					90		-			2		WN			NM C	D UT AZ	2 TX	
Report due by: Time Sampled Date	Matrix	No. of	Sample ID		·	[- E	ž s	v 802	8260	8	30				Υ <mark>κ</mark> αι τ				•
Sampled		Containers	Sample ID			Nümber	Cechinadi Cechinadi	by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks		
4/19/2023	SO	1			CB-2A (35 ft)	ZO		Х	X			X								
4/19/2023	SO	1			CB-2A (40 ft)	21		X	X			x								
4/19/2023	SO	1			CB-2A (45 ft)	22		X	X			X								
4/19/2023	SO	1			CB-2A (50 ft)	23		X	X			X								
	· .																			
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					esources.com; chase_settle@eo		t.murrey	y@gt	hd.co	m; d	aniel.	spark	@ghd.c	m						
date or time of collection is co	onsidered fraud	and may be g		action.	with or intentionally mislabelling the sample Sampled by: Daniel Soaries	location,			F				thermal pres but less than				e the day they are s	mpled or received	vacked in	ice at s
Telinquished by: [Signatur	· /	Date	4-19-23	Time 4:30	Received by: (Signature)	Date 4-19-23	; Thr	^{me} 4:30)		Recé	ved o	n'ice:`	ءا م∕∕∿	ib Use I	Only	an e an		1	
Relinquished by (Signatur	/	Date	4-19-23	Time 4:30 -	auth Chin	- 4/20/2	:3 1	8:1	5		n :			T2			··· <u>-13</u>			
Relinquished by: (Signatur	re)	Date		Time *	Received by: (Signature)	Date	Thr	me			AVG	Temp	<u>.</u> 4							a Nara
iample Matrix: S - Soil, Sd - So				ess other prransem	nts are made. Hazardous samples will	Container T										(مان که اندازی که ۱۹۹۵ میکند. م	en de Louis (14).	<u></u>	ار نا و آید
samples is applicable only	to those sam	ples received	by the laborat	tory with this COC. 1	he liability of the laboratory is limited to	o the amount paid for	on the rep	port.	ac crite (uctif.	exhau	nz. 10	e report to	i une ani	aysis 01	11e 900	16			
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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	GHD Da	te Received:	04/20/23 0	8:15	Work Order ID	: E304101
Phone:	(505) 884-0672 Da	te Logged In:	04/20/23 0	8:38	Logged In By:	Caitlin Christian
Email:		e Date:		7:00 (4 day TAT)		
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match t	he COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	ourier	
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comm	ents/Resolution
Sample	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not pro	vided on COC per
Sample	•				client.	
7. Was a	sample cooler received?		Yes			
8. If yes,	, was cooler received in good condition?		Yes			
9. Was th	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes			
10 10	minutes of sampling		a			
	visible ice, record the temperature. Actual sample tem	perature: <u>4</u> °	<u>C</u>			
	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA Vas			
	appropriate volume/weight or number of sample containers	collected?	Yes Yes			
		conecteu?	105			
Field La 20 Were	e field sample labels filled out with the minimum information information of the minimum information o	ution [.]				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	I		
	Collectors name?		No			
-	Preservation					
	s the COC or field labels indicate the samples were presen	rved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved metal	ls?	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multiphase?		No			
27. If ye	s, does the COC specify which phase(s) is to be analyzed	?	NA			
Subcont	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laboratory?		No			
29. Was	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab	: NA	

e

Date



Signature of client authorizing changes to the COC or sample disposition.

•

Report to: Moshghan Mansoori



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name:

Jackson B#57

Work Order:	E211120
WORK Older.	

Job Number: 19034-0001

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Moshghan Mansoori 104 South 4th Street Artesia, NM 88210

Project Name: Jackson B#57 Workorder: E211120 Date Received: 11/18/2022 10:00:00AM

Moshghan Mansoori,



Page 113 of 368

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 10:00:00AM, under the Project Name: Jackson B#57.

The analytical test results summarized in this report with the Project Name: Jackson B#57 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CB-1-10'	6
CB-1-15'	7
CB-1-20'	8
CB-1-25'	9
CB-1-30'	10
CB-1-35'	11
CB-1-40'	12
CB-1-45'	13
CB-1-50'	14
CB-1-55'	15
CB-1-60'	16
CB-1-65'	17
CB-1-70'	18
CB-1-75'	19
CB-2-10'	20
CB-2-15'	21
CB-2-20'	22
CB-2-25'	23
CB-2-30'	24
CB-2-35'	25

•

Table of Contents (continued)

CB-2-40'	26
CB-2-45'	27
CB-2-50'	28
QC Summary Data	29
QC - Volatile Organics by EPA 8021B	29
QC - Nonhalogenated Organics by EPA 8015D - GRO	31
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
QC - Anions by EPA 300.0/9056A	35
Definitions and Notes	37
Chain of Custody etc.	38

Sample Summary

		Sample Sum	mai y		
EOG Resources		Project Name:	Jackson B#57		Reported:
104 South 4th Street		Project Number:	19034-0001		-
Artesia NM, 88210		Project Manager:	Moshghan Mansoo	ri	11/21/22 14:41
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CB-1-10'	E211120-01A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-15'	E211120-02A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-20'	E211120-03A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-25'	E211120-04A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-30'	E211120-05A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-35'	E211120-06A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-40'	E211120-07A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-45'	E211120-08A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-50'	E211120-09A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-55'	E211120-10A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-60'	E211120-11A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-65'	E211120-12A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-70'	E211120-13A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-1-75'	E211120-14A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-10'	E211120-15A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-15'	E211120-16A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-20'	E211120-17A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-25'	E211120-18A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-30'	E211120-19A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-35'	E211120-20A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-40'	E211120-21A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-45'	E211120-22A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.
CB-2-50'	E211120-23A	Soil	11/15/22	11/18/22	Glass Jar, 4 oz.



	D	ampic D	aca			
EOG Resources 104 South 4th Street	Project Name Project Numb		son B#57 34-0001			Reported:
Artesia NM, 88210	Project Manag		shghan Mansoo	ri		11/21/2022 2:41:29PM
		CB-1-10'				
		E211120-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	0.0277	0.0250	1	11/18/22	11/20/22	
o-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		77.4 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	84.0	25.0	1	11/18/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/19/22	
Surrogate: n-Nonane		115 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247114
Chloride	242	20.0	1	11/18/22	11/19/22	

Sample Data

Sample Data

	5	ampie D	ala			
EOG Resources 104 South 4th Street	Project Name Project Numb	ber: 1903	son B#57 34-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Mos	hghan Mansoo	ori		11/21/2022 2:41:29PM
		CB-1-15'				
		E211120-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
oluene	ND	0.0250	1	11/18/22	11/20/22	
-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.1 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	107	25.0	1	11/18/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/19/22	
Surrogate: n-Nonane		106 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247114
Chloride	123	20.0	1	11/18/22	11/19/22	



Sample Data

	5	ampic D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 1903	son B#57 34-0001 hghan Mansoor	i		Reported: 11/21/2022 2:41:29PM
		CB-1-20'				
		E211120-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/19/22	
Surrogate: n-Nonane		104 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247114
Chloride	70.1	20.0	1	11/18/22	11/19/22	



Sample Data

	50	mpic D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manage	er: 1903	son B#57 34-0001 shghan Mansoori			Reported: 11/21/2022 2:41:29PM
		CB-1-25'				
]	E211120-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Benzene	0.254	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	6.52	0.0250	1	11/18/22	11/20/22	
Toluene	4.32	0.0250	1	11/18/22	11/20/22	
p-Xylene	2.70	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	6.54	0.0500	1	11/18/22	11/20/22	
Total Xylenes	9.24	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	142	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	1660	125	5	11/18/22	11/19/22	
Oil Range Organics (C28-C36)	522	250	5	11/18/22	11/19/22	
Surrogate: n-Nonane		124 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247114
Chloride	95.7	20.0	1	11/18/22	11/19/22	



Sample Data

		imple D	aca			
104 South 4th Street	Project Name: Project Numbe Project Manag	er: 1903	son B#57 34-0001 hghan Mansoori			Reported: 11/21/2022 2:41:29PM
		CB-1-30'				
		E211120-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Benzene	2.78	0.250	10	11/18/22	11/20/22	
Ethylbenzene	28.2	0.250	10	11/18/22	11/20/22	
Toluene	27.4	0.250	10	11/18/22	11/20/22	
p-Xylene	12.4	0.250	10	11/18/22	11/20/22	
o,m-Xylene	27.8	0.500	10	11/18/22	11/20/22	
Fotal Xylenes	40.2	0.250	10	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	527	200	10	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.1 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	6370	500	20	11/18/22	11/19/22	
Dil Range Organics (C28-C36)	2140	1000	20	11/18/22	11/19/22	
Surrogate: n-Nonane		182 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247114
Chloride	40.8	20.0	1	11/18/22	11/19/22	



Sample Data

	Da	imple D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 190	son B#57 34-0001 shghan Mansoori			Reported: 11/21/2022 2:41:29PM
		CB-1-35'				
]	E211120-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	RKS		Batch: 2247109
Benzene	2.78	0.250	10	11/18/22	11/20/22	
Ethylbenzene	25.0	0.250	10	11/18/22	11/20/22	
Toluene	24.4	0.250	10	11/18/22	11/20/22	
p-Xylene	11.4	0.250	10	11/18/22	11/20/22	
o,m-Xylene	26.6	0.500	10	11/18/22	11/20/22	
Total Xylenes	37.9	0.250	10	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	632	200	10	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	4930	500	20	11/18/22	11/19/22	
Dil Range Organics (C28-C36)	1680	1000	20	11/18/22	11/19/22	
Surrogate: n-Nonane		154 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	50	mpic D	ala			
EOG Resources 104 South 4th Street	Project Name: Project Numbe		Jackson B#57 19034-0001			Reported: 11/21/2022 2:41:29PM
Artesia NM, 88210	Project Manage		hghan Mansoori			
		CB-1-40'				
		СБ-1-40 Е211120-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Benzene	2.53	0.250	10	11/18/22	11/21/22	
Ethylbenzene	30.6	0.250	10	11/18/22	11/21/22	
Toluene	23.7	0.250	10	11/18/22	11/21/22	
p-Xylene	13.4	0.250	10	11/18/22	11/21/22	
o,m-Xylene	31.1	0.500	10	11/18/22	11/21/22	
Total Xylenes	44.6	0.250	10	11/18/22	11/21/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	11/18/22	11/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	689	200	10	11/18/22	11/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	11/18/22	11/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	5650	500	20	11/18/22	11/19/22	
Dil Range Organics (C28-C36)	1780	1000	20	11/18/22	11/19/22	
Surrogate: n-Nonane		160 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	56	impic D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 190	son B#57 34-0001 shghan Mansoori			Reported: 11/21/2022 2:41:29PM
		CB-1-45'				
		E211120-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Benzene	1.25	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	12.1	0.0250	1	11/18/22	11/20/22	
Toluene	12.5	0.0250	1	11/18/22	11/20/22	
o-Xylene	4.33	0.0250	1	11/18/22	11/20/22	
p,m-Xylene	10.4	0.0500	1	11/18/22	11/20/22	
Total Xylenes	14.7	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	244	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	2320	250	10	11/18/22	11/19/22	
Oil Range Organics (C28-C36)	775	500	10	11/18/22	11/19/22	
Surrogate: n-Nonane		139 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	Sa	mpic D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 190	son B#57 34-0001 shghan Mansoori	i		Reported: 11/21/2022 2:41:29PM
		CB-1-50'				
]	E211120-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247109
Benzene	0.959	0.0250	1	11/18/22	11/20/22	
thylbenzene	7.56	0.0250	1	11/18/22	11/20/22	
oluene	8.11	0.0250	1	11/18/22	11/20/22	
o-Xylene	2.63	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	6.55	0.0500	1	11/18/22	11/20/22	
Total Xylenes	9.19	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	173	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	1690	125	5	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	538	250	5	11/18/22	11/20/22	
Surrogate: n-Nonane		114 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	50	ampic D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 190	son B#57 34-0001			Reported: 11/21/2022 2:41:29PM
Anesia NM, 88210	Project Manag		hghan Mansoori			11/21/2022 2.41.29FW
		CB-1-55'				
		E211120-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: RKS		Batch: 2247109
Benzene	0.490	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	5.79	0.0250	1	11/18/22	11/20/22	
Foluene	5.47	0.0250	1	11/18/22	11/20/22	
p-Xylene	2.06	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	5.19	0.0500	1	11/18/22	11/20/22	
Total Xylenes	7.25	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	131	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	1230	125	5	11/18/22	11/20/22	
Oil Range Organics (C28-C36)	419	250	5	11/18/22	11/20/22	
Surrogate: n-Nonane		101 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	50	ampie D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 190	son B#57 34-0001 hghan Mansoori			Reported: 11/21/2022 2:41:29PM
		CB-1-60'				
		E211120-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Benzene	0.352	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	5.97	0.0250	1	11/18/22	11/20/22	
Toluene	5.08	0.0250	1	11/18/22	11/20/22	
p-Xylene	2.14	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	5.35	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	7.49	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	130	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	1020	125	5	11/18/22	11/20/22	
Oil Range Organics (C28-C36)	353	250	5	11/18/22	11/20/22	
Surrogate: n-Nonane		107 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	5	ample D	ala			
EOG Resources 104 South 4th Street	Project Name: Project Numb		Jackson B#57 19034-0001 Moshghan Mansoori			Reported:
Artesia NM, 88210	Project Manag					11/21/2022 2:41:29PM
		CB-1-65'				
		E211120-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	0.281	0.0250	1	11/18/22	11/20/22	
Toluene	0.167	0.0250	1	11/18/22	11/20/22	
p-Xylene	0.124	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	0.298	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	0.423	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	187	25.0	1	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	72.4	50.0	1	11/18/22	11/20/22	
Surrogate: n-Nonane		102 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	50	ample D	ala			
EOG Resources	Project Name:	: Jack	son B#57			
104 South 4th Street	Project Numb	er: 1903	34-0001		Reported:	
Artesia NM, 88210	Project Manag	ger: Mos	hghan Mansoori			11/21/2022 2:41:29PM
		CB-1-70'				
		E211120-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	0.138	0.0250	1	11/18/22	11/20/22	
Toluene	0.0414	0.0250	1	11/18/22	11/20/22	
p-Xylene	0.0643	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	0.125	0.0500	1	11/18/22	11/20/22	
Total Xylenes	0.189	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.0 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	256	25.0	1	11/18/22	11/20/22	
Oil Range Organics (C28-C36)	94.6	50.0	1	11/18/22	11/20/22	
Surrogate: n-Nonane		102 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	5	ample D	ala			
EOG Resources 104 South 4th Street	Project Name: Project Numb		son B#57 34-0001			Reported:
Artesia NM, 88210	Project Manag					11/21/2022 2:41:29PN
		CB-1-75'				
		E211120-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	0.0932	0.0250	1	11/18/22	11/20/22	
Toluene	0.0258	0.0250	1	11/18/22	11/20/22	
p-Xylene	0.0474	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	0.0999	0.0500	1	11/18/22	11/20/22	
Total Xylenes	0.147	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	288	25.0	1	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	119	50.0	1	11/18/22	11/20/22	
Surrogate: n-Nonane		102 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247114
Chloride	ND	20.0	1	11/18/22	11/19/22	



Sample Data

	5	ample D	ata			
EOG Resources	Project Name		son B#57			
104 South 4th Street	Project Numb		34-0001			Reported:
Artesia NM, 88210	Project Mana	iger: Mos	hghan Mansoori	1		11/21/2022 2:41:29PM
		CB-2-10'				
		E211120-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.8 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/20/22	
Surrogate: n-Nonane		104 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2247114
Chloride	1890	20.0	1	11/18/22	11/19/22	



Sample Data

	3	ample D	ala			
EOG Resources	Project Name		son B#57			
104 South 4th Street	Project Numb		34-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Mos	hghan Mansoori			11/21/2022 2:41:29PM
		CB-2-15'				
		E211120-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/20/22	
Surrogate: n-Nonane		109 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247114
Chloride	1230	20.0	1	11/18/22	11/19/22	



	b	ampic D	ala			
EOG Resources	Project Name		son B#57			
104 South 4th Street	5		34-0001			Reported:
Artesia NM, 88210	Project Mana	ger: Mos	hghan Mansoori			11/21/2022 2:41:29PM
		CB-2-20'				
		E211120-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2247109
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.7 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/20/22	
Surrogate: n-Nonane		101 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2247114
Chloride	3740	40.0	2	11/18/22	11/19/22	



Sample Data

	5	ample D	ลเล			
EOG Resources	Project Name	: Jack	tson B#57			
104 South 4th Street	Project Numb	er: 1903	34-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Mos	shghan Mansoori			11/21/2022 2:41:29PM
		CB-2-25'				
		E211120-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Benzene	16.0	0.250	10	11/18/22	11/20/22	
Ethylbenzene	63.8	0.250	10	11/18/22	11/20/22	
oluene	79.3	0.250	10	11/18/22	11/20/22	
-Xylene	21.7	0.250	10	11/18/22	11/20/22	
,m-Xylene	52.8	0.500	10	11/18/22	11/20/22	
Total Xylenes	74.5	0.250	10	11/18/22	11/20/22	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	1200	200	10	11/18/22	11/20/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	8700	500	20	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	2840	1000	20	11/18/22	11/20/22	
urrogate: n-Nonane		240 %	50-200	11/18/22	11/20/22	<i>S4</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247114
Chloride	739	20.0	1	11/18/22	11/19/22	



Sample Data

	50	ampic D	ala			
EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 190	son B#57 34-0001 shghan Mansoori			Reported: 11/21/2022 2:41:29PM
		CB-2-30'				
		E211120-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Benzene	2.65	0.250	10	11/18/22	11/20/22	
Ethylbenzene	31.9	0.250	10	11/18/22	11/20/22	
Foluene	26.0	0.250	10	11/18/22	11/20/22	
p-Xylene	12.3	0.250	10	11/18/22	11/20/22	
o,m-Xylene	30.0	0.500	10	11/18/22	11/20/22	
Total Xylenes	42.3	0.250	10	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	710	200	10	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247112
Diesel Range Organics (C10-C28)	5450	500	20	11/18/22	11/20/22	
Oil Range Organics (C28-C36)	1780	1000	20	11/18/22	11/20/22	
Surrogate: n-Nonane		162 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247114
Chloride	1120	20.0	1	11/18/22	11/19/22	



Sample Data

	Di Di	ampie D	ala			
EOG Resources	Project Name:	: Jack	son B#57			
104 South 4th Street	Project Number	er: 190	34-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Mos	shghan Mansoori			11/21/2022 2:41:29PM
		CB-2-35'				
		E211120-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Benzene	5.21	0.250	10	11/18/22	11/20/22	
Ethylbenzene	36.9	0.250	10	11/18/22	11/20/22	
Toluene	37.1	0.250	10	11/18/22	11/20/22	
p-Xylene	13.7	0.250	10	11/18/22	11/20/22	
o,m-Xylene	33.4	0.500	10	11/18/22	11/20/22	
Fotal Xylenes	47.1	0.250	10	11/18/22	11/20/22	
urrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2247109
Gasoline Range Organics (C6-C10)	801	200	10	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: RAS		Batch: 2247112	
Diesel Range Organics (C10-C28)	5800	500	20	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	1900	1000	20	11/18/22	11/20/22	
Surrogate: n-Nonane		167 %	50-200	11/18/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247114
Chloride	1520	20.0	1	11/18/22	11/19/22	



Sample Data

	5	ampie D	ala			
EOG Resources 104 South 4th Street	Project Name: Project Numb		ason B#57 34-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Mos	shghan Mansoori			11/21/2022 2:41:29PM
		CB-2-40'				
		E211120-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2247076
Benzene	4.12	0.250	10	11/18/22	11/20/22	
Ethylbenzene	19.7	0.250	10	11/18/22	11/20/22	
oluene	24.8	0.250	10	11/18/22	11/20/22	
-Xylene	6.91	0.250	10	11/18/22	11/20/22	
o,m-Xylene	17.3	0.500	10	11/18/22	11/20/22	
Total Xylenes	24.2	0.250	10	11/18/22	11/20/22	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2247076
Gasoline Range Organics (C6-C10)	423	200	10	11/18/22	11/20/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		84.2 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247111
Diesel Range Organics (C10-C28)	3060	250	10	11/18/22	11/19/22	
Dil Range Organics (C28-C36)	1410	500	10	11/18/22	11/19/22	
urrogate: n-Nonane		132 %	50-200	11/18/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247115
Chloride	6280	100	5	11/18/22	11/19/22	



Sample Data

	58	ample D	ata			
EOG Resources	Project Name:	Jack	son B#57			
104 South 4th Street	Project Numbe	er: 190			Reported:	
Artesia NM, 88210	Project Manag	ger: Mos	shghan Mansoori			11/21/2022 2:41:29PM
		CB-2-45'				
		E211120-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	Analyst: IY		Batch: 2247076
Benzene	15.9	0.250	10	11/18/22	11/20/22	
Ethylbenzene	52.9	0.250	10	11/18/22	11/20/22	
oluene	61.3	0.250	10	11/18/22	11/20/22	
-Xylene	18.7	0.250	10	11/18/22	11/20/22	
,m-Xylene	44.4	0.500	10	11/18/22	11/20/22	
Total Xylenes	63.1	0.250	10	11/18/22	11/20/22	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2247076
Gasoline Range Organics (C6-C10)	1040	200	10	11/18/22	11/20/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	11/18/22	11/20/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247111
Diesel Range Organics (C10-C28)	11300	1250	50	11/18/22	11/20/22	
Dil Range Organics (C28-C36)	5050	2500	50	11/18/22	11/20/22	
urrogate: n-Nonane		244 %	50-200	11/18/22	11/20/22	<i>S4</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247115
Chloride	525	20.0	1	11/18/22	11/19/22	



Sample Data

		ample D	aca				
EOG Resources	Project Name:	Jack	son B#57				
104 South 4th Street	Project Number	er: 190	34-0001			Reported:	
Artesia NM, 88210	Project Manag	er: Mos	hghan Mansoori			11/21/2022 2:41:29PM	
		CB-2-50'					
		E211120-23					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	Analyst: IY			
Benzene	7.24	0.250	10	11/18/22	11/20/22		
Ethylbenzene	27.4	0.250	10	11/18/22	11/20/22		
Toluene	34.1	0.250	10	11/18/22	11/20/22		
p-Xylene	9.27	0.250	10	11/18/22	11/20/22		
o,m-Xylene	22.1	0.500	10	11/18/22	11/20/22		
Total Xylenes	31.4	0.250	10	11/18/22	11/20/22		
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/18/22	11/20/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2247076	
Gasoline Range Organics (C6-C10)	524	200	10	11/18/22	11/20/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	11/18/22	11/20/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: RAS		Batch: 2247111	
Diesel Range Organics (C10-C28)	5280	500	20	11/18/22	11/19/22		
Dil Range Organics (C28-C36)	2790	1000	20	11/18/22	11/19/22		
Surrogate: n-Nonane		166 %	50-200	11/18/22	11/19/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2247115	
Chloride	188	20.0	1	11/18/22	11/19/22		



OC Summary Data

	Project Name: Project Number:		ckson B#57 034-0001					Reported:
	Project Manager:	M	oshghan Man	soori				11/21/2022 2:41:29PM
	Analyst: IY							
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 1	1/17/22 A	Analyzed: 11/18/22
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
8.23		8.00		103	70-130			
						Prepared: 1	1/17/22 <i>I</i>	Analyzed: 11/18/22
5.93	0.0250	5.00		119	70-130			
4.57	0.0250	5.00		91.3	70-130			
4.96	0.0250	5.00		99.2	70-130			
4.63	0.0250	5.00		92.7	70-130			
9.26	0.0500	10.0		92.6	70-130			
13.9	0.0250	15.0		92.6	70-130			
8.32		8.00		104	70-130			
						Prepared: 1	1/17/22 <i>I</i>	Analyzed: 11/18/22
5.91	0.0250	5.00		118	70-130	0.325	20	
4.57	0.0250	5.00		91.5	70-130	0.161	20	
4.93	0.0250	5.00		98.7	70-130	0.557	20	
4.67	0.0250	5.00		93.4	70-130	0.819	20	
4.07								
9.28 14.0	0.0500 0.0250	10.0 15.0		92.8 93.0	70-130 70-130	0.221 0.421	20 20	
	mg/kg ND ND ND ND ND 8.23 5.93 4.57 4.96 4.63 9.26 13.9 8.32 8.32 5.91 4.57	ND 0.0250 8.23	ND 0.0250 Second	ND 0.0250 Spike Source Result mg/kg mg/kg mg/kg mg/kg ND 0.0250 ND 0.0250 Spise 5.00 4.00 1.01 5.93 0.0250 5.00 4.63 9.6 0.0250 5.00 4.63 9.26 0.0500 10.0 13.9 0.0250 15.0 8.32 8.00 5.91 0.0250 5.00 4.57 9.0250 5.00 4.57 0.0250 5.00	ND 0.0250 Spike Source Result mg/kg mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 19034-0001 ND 0.0250 ND % Signa MD 0.0250 ND ND 0.0250 ND 199 4.57 0.0250 5.00 119 4.57 0.0250 5.00 99.2 4.63 0.0250 5.00 99.2 4.63 0.0250 5.00 99.2 4.63 0.0250 5.00 99.2 4.63 0.0250 5.00 92.6 13.9 0.0250 5.00 92.6 13.9 0.0250 5.00 92.6 13.9 0.0250 15.0 92.6 8.32 8.00 104 <	ND 0.0250 Spike Source Rec Limits mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 ND 0.0250 % % ND 0.0250 ND 103 70-130 8.23 8.00 103 70-130 4.57 0.0250 5.00 91.3 70-130 4.63 0.0250 5.00 92.2 70-130 4.63 0.0250 5.00 92.6 70-130 9.26 0.0500 10.0 92.6 70-130 3.9 0.0250 5.00 92.6	ND 0.0250 ND 0.0250 ND 0.0250 0.0250 ND 0.0250 ND 0.0250 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 103 70-130 Result 8.00 103 70-130 Prepared: 1 5.93 0.0250 5.00 99.2 70-130 4.57 0.0250 5.00 99.2 70-130 4.63 0.0250 5.00 99.2 70-130 9.26 0.0500 119 70-130 70-130 9.26 0.0250 5.00 99.2 70-130 3.3.2 8.00 104 70-130 9.26 70-130 92.6 70-130 3.3.2 8.00 104 70-130 3.3.2 8.00 104 70-130 9.26 70-130 92.6 7	ND 0.0250 Spike Source Result Result Reporting Spike Source Result Reporting Spike Source Reporting Spike Source Reporting RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg %



OC Summary Data

		QC DI		i j Dau					
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	19	ckson B#57 034-0001 oshghan Man	soori				Reported: 11/21/2022 2:41:29PM
		Analyst: RKS							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247109-BLK1)]	Prepared: 1	1/18/22 A	analyzed: 11/19/22
Benzene Ethylbenzene	ND ND	0.0250 0.0250							
Toluene	ND ND	0.0250							
p-Xylene p,m-Xylene	ND	0.0250 0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.19	0.0250	8.00		102	70-130			
LCS (2247109-BS1)						J	Prepared: 1	1/18/22 A	analyzed: 11/19/22
Benzene	6.10	0.0250	5.00		122	70-130	-		
Ethylbenzene	4.74	0.0250	5.00		94.7	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
p-Xylene	4.81	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.24		8.00		103	70-130			
LCS Dup (2247109-BSD1)]	Prepared: 1	1/18/22 A	analyzed: 11/19/22
Benzene	6.21	0.0250	5.00		124	70-130	1.65	20	
Ethylbenzene	4.83	0.0250	5.00		96.6	70-130	1.91	20	
Toluene	5.18	0.0250	5.00		104	70-130	1.75	20	
o-Xylene	4.91	0.0250	5.00		98.2	70-130	2.02	20	
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130	1.86	20	
Total Xylenes	14.7	0.0250	15.0		98.3	70-130	1.92	20	



QC Summary Data

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EOG Resources		Project Name:	Ja	ckson B#57					Reported:
104 South 4th Street		Project Number	: 19	9034-0001					
Artesia NM, 88210		Project Manage	r: M	loshghan Man	isoori				11/21/2022 2:41:29PM
	No	onhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247076-BLK1)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.50		8.00		81.2	70-130			
LCS (2247076-BS2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.48		8.00		80.9	70-130			
LCS Dup (2247076-BSD2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.7	70-130	2.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.60		8.00		82.5	70-130			



QC Summary Data

		QC L	Juiiiii	in y Dat	a				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number Project Manage	: 19	ickson B#57 9034-0001 loshghan Man	soori				Reported: 11/21/2022 2:41:29PM
	No	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247109-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.52		8.00		81.5	70-130			
LCS (2247109-BS2)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.36		8.00		79.5	70-130			
LCS Dup (2247109-BSD2)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.7	70-130	1.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.1	70-130			



QC Summary Data

		QC D	u111111	il y Data	а				
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	19	ackson B#57 9034-0001 Ioshghan Man	soori				Reported: 11/21/2022 2:41:29PM
	Nonh	alogenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247111-BLK1)							Prepared: 1	1/18/22 /	Analyzed: 11/19/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			
LCS (2247111-BS1)							Prepared: 1	1/18/22	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			
Matrix Spike (2247111-MS1)				Source:	E211121-(05	Prepared: 1	1/18/22	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			
Matrix Spike Dup (2247111-MSD1)				Source:	E211121-()5	Prepared: 1	1/18/22	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	0.963	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			


QC Summary Data

		QU D	u 111111	i y Data					
EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	19	ckson B#57 034-0001 oshghan Man	soori				Reported: 11/21/2022 2:41:29PM
	Nonha	logenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247112-BLK1)							Prepared: 1	1/18/22 A	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.7		50.0		95.3	50-200			
LCS (2247112-BS1)							Prepared: 1	1/18/22 A	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	241	25.0	250		96.5	38-132			
Surrogate: n-Nonane	48.0		50.0		95.9	50-200			
Matrix Spike (2247112-MS1)				Source:	E211120-()8	Prepared: 1	1/18/22 A	Analyzed: 11/20/22
Diesel Range Organics (C10-C28)	2800	250	250	2320	191	38-132			M2
Surrogate: n-Nonane	55.8		50.0		112	50-200			
Matrix Spike Dup (2247112-MSD1)				Source:	E211120-()8	Prepared: 1	1/18/22 A	Analyzed: 11/20/22
Diesel Range Organics (C10-C28)	3010	250	250	2320	274	38-132	7.20	20	M2
Surrogate: n-Nonane	62.2		50.0		124	50-200			



QC Summary Data

		C	•								
EOG Resources 104 South 4th Street		Project Name: Project Number:		ackson B#57 9034-0001					Reported:		
Artesia NM, 88210	210 Project Manager: Moshghan Mansoori						11/21/2022 2:41:29				
		Anions	by EPA	300.0/9056	4				Analyst: KL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2247114-BLK1)							Prepared:	11/18/22	Analyzed: 11/19/22		
Chloride	ND	20.0									
LCS (2247114-BS1)							Prepared:	11/18/22	Analyzed: 11/19/22		
Chloride	265	20.0	250		106	90-110					
Matrix Spike (2247114-MS1)				Source:	E211120-0	1	Prepared:	11/18/22	Analyzed: 11/19/22		
Chloride	506	20.0	250	242	105	80-120					
Matrix Spike Dup (2247114-MSD1)				Source:	E211120-0	1	Prepared:	11/18/22	Analyzed: 11/19/22		
Chloride	508	20.0	250	242	106	80-120	0.418	20			



QC Summary Data

		$\chi \sim \sim$	•••••							
EOG Resources		Project Name:		ackson B#57					Reported:	
104 South 4th Street		Project Number:		9034-0001						
Artesia NM, 88210		Project Manager	:: N	Moshghan Man	soori				11/21/2022 2:41:29	9PM
		Anions	by EPA	300.0/90564	4				Analyst: KL	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2247115-BLK1)							Prepared:	11/18/22	Analyzed: 11/19/22	!
Chloride	ND	20.0								
LCS (2247115-BS1)							Prepared:	11/18/22	Analyzed: 11/19/22	
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2247115-MS1)				Source:	E211110-0	1	Prepared:	11/18/22	Analyzed: 11/19/22	
Chloride	267	20.0	250	ND	107	80-120				
Matrix Spike Dup (2247115-MSD1)				Source:	E211110-0	1	Prepared:	11/18/22	Analyzed: 11/19/22	
Chloride	265	20.0	250	ND	106	80-120	0.601	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



EOG Resources	Project Name:	Jackson B#57	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Moshghan Mansoori	11/21/22 14:41

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- S4 Surrogate spike recovery was outside acceptance limits. Sample was reanalyzed with similar results. LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 38 of 41

										1/3	i i
Client: EOG Resources Project: Jackson B#57			RUSI	H? Lab Use Only	ber see		Analy	sis and N	/lethod		lab Or
Sampler: J.T. Murrey	021		1.7	Lab WO#					Π		
Phone: 361-252-6136											
Email(s): moshghan.mansoori@ghd.com; amber_griffin@eogresources.com	; chase_settle@eogresources	.com		Job Number 190241-000	8015			300.0			
Project Manager: Moshghan Mansoori			p	age of	1 A	021	418.1	oy 30			er
Sample ID	Sample Date	Sample Time	Matri		GRO/DRO by 8015	BTEX by 8021	TPH by 41	Chloride by			Lab Number
CB-1-10'	11/15/2022	11:08	SO	1 - 4 OZ/GLASS/NON	x	X		x			
CB-1-15'	11/15/2022	11:14	so	1 - 4 OZ/GLASS/NON	x	x		x		+++	2
CB-1-20'	11/15/2022	11:14	so	1 - 4 OZ/GLASS/NON	x	x		x			3
CB-1-25'	11/15/2022	11:15	SO	1 - 4 OZ/GLASS/NON	x	x	,	ĸ			4
CB-1-30'	11/15/2022	11:15	SO	1 - 4 OZ/GLASS/NON	x	x	2	<			5
CB-1-35'	11/15/2022	11:16	so	1 - 4 OZ/GLASS/NON	x	x	>	(6
CB-1-40'	11/15/2022	11:16	so	1 - 4 OZ/GLASS/NON	x	x	Х	(7
`B-1-45'	11/15/2022	11:17	SO	1 - 4 OZ/GLASS/NON	x	x	х	:			8
CB-1-50'	11/15/2022	11:17	so	1 - 4 OZ/GLASS/NON	x	x	x				9
CB-1-55' Relinquished by: (Signature) Date Ti	11/15/2022	11:17	SO	1 - 4 OZ/GLASS/NON	x	x	x				10
ML 1116/22 3:4	6 alix	(Signature)	$\langle \langle \rangle$	Date Time	**Receiv	ved on		Lab Use	Only		1.01
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Received b	y: (Signature)			T1 AVG Ten	ס° מו	4	2		Т3	
Samples requiring thermal preservation must be received on ice the day they Sample(s) dropped off after hours to a secure drop off area		1		C			/plastic,	ag - am	ber glass,	v - VOA	
Sample(s) dropped off after hours to a secure drop off area.	y are sampled of received pac	Chain of C		ove 0 but less than 6°C on subsequent days. Notes/Billing info:		-					
envirotech Analytical Laboratory		5796 US Highway 64, F Three Springs - 65 Mer		401 Ph (505) 632-061 115, Durango, (0 81301 Ph (970) 259-061	and the second se				e laboratory@e	invirotech-Inc.com	

Client: EOG Resources Project: Jackson B#57			RUSH	? Lab Use Only	Analysis and Method					
Sampler: J.T. Murrey		<u></u>	10 X 30	Lab Won						
Phone: 361-252-6136					-					
Email(s): moshghan.mansoori@ghd.com; amber_griffin@eogresources.com; cha	se settle@eogresources			Job Number	8015			0.0		
Project Manager: Moshghan Mansoori		com	Pa		by 8	021	8.1	by 300.		5
Sample ID		Sample	Pa Matrix	ge of Containers	DRO	by 8	by 418.	de b		mp (
	Sample Date	Time		QTY - Vol/TYPE/Preservative	GRO/DRO by	BTEX by 8021	TPH b	Chloride I		Lab Number
CB-1-60'	11/15/2022	11:18	so	1 - 4 OZ/GLASS/NON	x	X		x		
CB-1-65'	11/15/2022	11:18	so	1 - 4 OZ/GLASS/NON	x	x		x		12
CB-1-70'	11/15/2022	11:18	so	I - 4 OZ/GLASS/NON	X	x		x		
CB-1-75'	11/15/2022	11:19	so	1 - 4 OZ/GLASS/NON	x	x		x		13
CB-2-10'	11/15/2022	10:43	SO	1 - 4 OZ/GLASS/NON	x	x		x		14
CB-2-15'	11/15/2022	10:45	so	1 - 4 OZ/GLASS/NON	x	x		x		15
'B-2-20'	11/15/2022	10:45	so	1 - 4 OZ/GLASS/NON	x	x		x	+++	10
'B-2-25'	11/15/2022	10:46	SO	1 - 4 OZ/GLASS/NON	x	x				17
B-2-30'					^	A		x		18
B-2-35'	11/15/2022	10:47	SO	1 - 4 OZ/GLASS/NON	x	x		х		19
Relinquished by: (Signature) Date Time	11/15/2022	10:47	SO		х	x		x		20
11-11-12 3:40		y: (Signature)	A	11/18/22 10:00 **R	Receiv	red on	Inde		≥ Only	
Relinquished by: (Signature) Date Time	Received by	y: (Signature)		Date Time T1_			6	T2		Т3
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					G Tem		4			
amples requiring thermal preservation must be received on ice the day they are Sample(s) dropped off after hours to a secure drop off area	sampled or received pack	ed in ice at an a	avg temp abov	Container Type: g - gl	ass, p	- poly/	plasti	c, ag - an	iber glass, v -	VOA
Sample(s) dropped off after hours to a secure drop off area.		Chain of C		Notes/Billing info:						

Ph (970) 259-0615 Fr (800) 362-1879

Page 39 of 41

Received by OCD: 11/1/2023 4:54:09 PM

laboratory@envirotech-inc.com

Client: EOG Resources Project: Jackson B#57			RUSH	? Lab Use Only			Ana	lysis an	nd Metho	bd
Sampler: J.T. Murrey			30	Lab Won						T
Phone: 361-252-6136			المؤمكره							
Email(s): moshghan.mansoori@ghd.com; amber_griffin@eogresources.com; cha				Job Number	015			0.0		
Project Manager: Moshghan Mansoori	se_settle@eogresources.c	tom	- 3		by 8	021	3.1	/ 30(
Sample ID				ge of	RO	y 8(418	e þ		
	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0		
CB-2-40'	11/15/2022	10:47	so	1 - 4 OZ/GLASS/NON	X	x		x		t
CB-2-45'	11/15/2022	10:47	so	1 - 4 OZ/GLASS/NON	x	x		x		t
CB-2-50'	11/15/2022	10:48	so	1 - 4 OZ/GLASS/NON	x	x		x		+
										t
									_	┢
							-			\vdash
										\vdash
		-								\vdash
				-					_	\vdash
		-			_					-
Relinquished by: (Signature) Date Time 11-16-22 3:40	Received by	/: (Signature)		Date Time			_		Jse Only	

Received by: (Signature)

Chain of Custody

Received by OCD: 11/1/2023 4:54:09 PM

2

T3

laboratory@envirotech-Inc.com

23

Correct Cont/Prsrv (s) Y/N

Released to Imaging: 3/22/2024 8:59:38 AM

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days. Sample(s) dropped off after hours to a secure drop off area.

Benvirotech

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865 Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Notes/Billing info:

Date

Time

T1

AVG Temp °C

Ph (970) 259-0615 Fr (800) 362-1879

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

T2

Page 151 of 368

Envirotech Analytical Laboratory

		Sample	Receipt	Checklist (SR	C)		
	lease take note of any NO checkmarks. response concerning these items within 24 hours o	-	_			iested.	
Client: E	OG Resources	Date Received:	11/18/22	2 10:00		Work Order ID:	E211120
Phone: (5	75) 748-4217	Date Logged In:	11/18/22	2 09:59		Logged In By:	Alexa Michaels
Email:		Due Date:	11/21/22	2 17:00 (1 day TAT)			
<u>Chain of Cu</u>	stody (COC)						
1. Does the s	ample ID match the COC?		Yes				
2. Does the r	number of samples per sampling site location m	natch the COC	Yes				
3. Were sam	ples dropped off by client or carrier?		Yes	Carrier:	Fed Ex		
4. Was the C	OC complete, i.e., signatures, dates/times, requ	ested analyses?	Yes				
N	amples received within holding time? ote: Analysis, such as pH which should be conducted e, 15 minute hold time, are not included in this disucs		Yes			Comment	ts/Resolution
Sample Tur	<u>n Around Time (TAT)</u>						
6. Did the \overline{C}	OC indicate standard TAT, or Expedited TAT?		Yes				
Sample Coo	<u>ler</u>						
7. Was a sam	ple cooler received?		Yes				
8. If yes, wa	s cooler received in good condition?		Yes				
9. Was the sa	umple(s) received intact, i.e., not broken?		Yes				
10. Were cus	tody/security seals present?		No				
11. If yes, we	ere custody/security seals intact?		NA				
Ν	mple received on ice? If yes, the recorded temp is 4° ote: Thermal preservation is not required, if samples inutes of sampling		Yes				
13. If no visi	ble ice, record the temperature. Actual samp	le temperature: <u>4°</u>	<u>C</u>				
Sample Con	tainer_						
14. Are aque	ous VOC samples present?		No				
15. Are VOC	C samples collected in VOA Vials?		NA				
16. Is the hea	ad space less than 6-8 mm (pea sized or less)?		NA				
17. Was a tri	p blank (TB) included for VOC analyses?		NA				
18. Are non-	VOC samples collected in the correct containe	rs?	Yes				
19. Is the app	ropriate volume/weight or number of sample cont	ainers collected?	Yes				
Field Label							
	d sample labels filled out with the minimum in	formation:					
	ple ID?		Yes				
A 11	/Time Collected? ectors name?		Yes				
Sample Pres			No				
	COC or field labels indicate the samples were	preserved?	No				
	ble(s) correctly preserved?	F	NA				
	eration required and/or requested for dissolved	metals?	No				
Multiphase	Sample Matrix						
-	sample have more than one phase, i.e., multipl	hase?	No				
	bes the COC specify which phase(s) is to be an		NA				
•	••••	-	- 12 4				
	<u>: Laboratory</u>	tory?	No				
-		•		Subcontract Lo	ah NA		
			1 17 1	Subcontract La	10. INA		
-	bles required to get sent to a subcontract labora bcontract laboratory specified by the client and ruction	•	No NA	Subcontract La	ıb: NA		

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.



January 21, 2022

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

RE: Jackson B 57

OrderNo.: 2201360

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 23 sample(s) on 1/11/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A1	-10	
Project: Jackson B 57		(Collect	ion Dat	e: 1/6	5/2022 8:20:00 AM	
Lab ID: 2201360-001	Matrix: SOIL	1/2022 8:00:00 AM					
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	ЈМТ
Chloride	86	60		mg/Kg	20	1/11/2022 10:10:02 PM	64966
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	3800	170		mg/Kg	20	1/12/2022 11:24:39 AM	64960
Motor Oil Range Organics (MRO)	1200	850		mg/Kg	20	1/12/2022 11:24:39 AM	64960
Surr: DNOP	0	70-130	S	%Rec	20	1/12/2022 11:24:39 AM	64960
EPA METHOD 8015D: GASOLINE RANG	ЭЕ					Analyst	NSB
Gasoline Range Organics (GRO)	1200	24		mg/Kg	5	1/12/2022 9:12:54 AM	64950
Surr: BFB	1110	70-130	S	%Rec	5	1/12/2022 9:12:54 AM	64950
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	3.3	0.12		mg/Kg	5	1/12/2022 9:12:54 AM	64950
Toluene	64	2.4		mg/Kg	50	1/12/2022 9:21:32 PM	64950
Ethylbenzene	59	2.4		mg/Kg	50	1/12/2022 9:21:32 PM	64950
Xylenes, Total	68	0.49		mg/Kg	5	1/12/2022 9:12:54 AM	64950
Surr: 4-Bromofluorobenzene	304	70-130	S	%Rec	5	1/12/2022 9:12:54 AM	64950

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

Qualifiers:

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

Page 1 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT:GHD MidlandProject:Jackson B 57Lab ID:2201360-002	Client Sample ID: A1-15 Collection Date: 1/6/2022 8:30:00 AM Matrix: SOIL Received Date: 1/11/2022 8:00:00 AM								
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst	: JMT		
Chloride	73	60		mg/Kg	20	1/12/2022 8:15:13 PM	64993		
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS					Analyst	SB		
Diesel Range Organics (DRO)	3700	190		mg/Kg	20	1/13/2022 12:47:09 PM	64960		
Motor Oil Range Organics (MRO)	1100	970		mg/Kg	20	1/13/2022 12:47:09 PM	64960		
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 12:47:09 PM	64960		
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	: NSB		
Gasoline Range Organics (GRO)	1100	24		mg/Kg	5	1/12/2022 10:00:12 AM	64950		
Surr: BFB	953	70-130	S	%Rec	5	1/12/2022 10:00:12 AM	64950		
EPA METHOD 8021B: VOLATILES						Analyst	: NSB		
Benzene	5.2	0.12		mg/Kg	5	1/12/2022 10:00:12 AM	64950		
Toluene	68	2.4		mg/Kg	50	1/12/2022 9:44:56 PM	64950		
Ethylbenzene	56	2.4		mg/Kg	50	1/12/2022 9:44:56 PM	64950		
Xylenes, Total	61	0.48		mg/Kg	5	1/12/2022 10:00:12 AM	64950		
Surr: 4-Bromofluorobenzene	284	70-130	S	%Rec	5	1/12/2022 10:00:12 AM	64950		

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

Qualifiers:

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

Page 2 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland				mple II			
Project: Jackson B 57						5/2022 8:35:00 AM	
Lab ID: 2201360-003	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	79	60		mg/Kg	20	1/12/2022 8:52:27 PM	64993
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	6600	190		mg/Kg	20	1/13/2022 1:10:55 PM	64960
Motor Oil Range Organics (MRO)	2200	940		mg/Kg	20	1/13/2022 1:10:55 PM	64960
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 1:10:55 PM	64960
EPA METHOD 8015D: GASOLINE RA	NGE					Analyst	NSB
Gasoline Range Organics (GRO)	1800	23		mg/Kg	5	1/12/2022 10:47:04 AM	64950
Surr: BFB	1660	70-130	S	%Rec	5	1/12/2022 10:47:04 AM	64950
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	6.1	0.11		mg/Kg	5	1/12/2022 10:47:04 AM	64950
Toluene	96	2.3		mg/Kg	50	1/12/2022 10:08:18 PM	64950
Ethylbenzene	89	2.3		mg/Kg	50	1/12/2022 10:08:18 PM	64950
Xylenes, Total	97	4.6		mg/Kg	50	1/12/2022 10:08:18 PM	64950
Surr: 4-Bromofluorobenzene	390	70-130	S	%Rec	5	1/12/2022 10:47:04 AM	64950

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

Qualifiers:

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

Page 3 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland	Client Sample ID: A1-25 Collection Date: 1/6/2022 8:45:00 AM									
Project: Jackson B 57 Lab ID: 2201360-004	Matrix: SOIL Received Date: 1/11/2022 8:00:00 AM									
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst	: JMT			
Chloride	2000	60		mg/Kg	20	1/12/2022 9:04:51 PM	64993			
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	SB			
Diesel Range Organics (DRO)	4500	190		mg/Kg	20	1/13/2022 1:34:50 PM	64960			
Motor Oil Range Organics (MRO)	1600	960		mg/Kg	20	1/13/2022 1:34:50 PM	64960			
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 1:34:50 PM	64960			
EPA METHOD 8015D: GASOLINE RAN	IGE					Analyst	: NSB			
Gasoline Range Organics (GRO)	1400	25		mg/Kg	5	1/12/2022 11:10:34 AM	64950			
Surr: BFB	1000	70-130	S	%Rec	5	1/12/2022 11:10:34 AM	64950			
EPA METHOD 8021B: VOLATILES						Analyst	: NSB			
Benzene	14	0.12		mg/Kg	5	1/12/2022 11:10:34 AM	64950			
Toluene	99	2.5		mg/Kg	50	1/12/2022 10:31:35 PM	64950			
Ethylbenzene	68	2.5		mg/Kg	50	1/12/2022 10:31:35 PM	64950			
Xylenes, Total	67	4.9		mg/Kg	50	1/12/2022 10:31:35 PM	64950			
Surr: 4-Bromofluorobenzene	294	70-130	S	%Rec	5	1/12/2022 11:10:34 AM	64950			

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

Qualifiers:

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

Page 4 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland	Client Sample ID: A1-30							
Project: Jackson B 57		(Collect	ion Dat	e: 1/6	5/2022 8:55:00 AM		
Lab ID: 2201360-005	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM		
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	JMT	
Chloride	2000	60		mg/Kg	20	1/12/2022 9:17:16 PM	64993	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB	
Diesel Range Organics (DRO)	3900	190		mg/Kg	20	1/13/2022 1:58:45 PM	64960	
Motor Oil Range Organics (MRO)	1400	940		mg/Kg	20	1/13/2022 1:58:45 PM	64960	
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 1:58:45 PM	64960	
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	NSB	
Gasoline Range Organics (GRO)	1100	23		mg/Kg	5	1/12/2022 11:34:06 AM	64950	
Surr: BFB	1080	70-130	S	%Rec	5	1/12/2022 11:34:06 AM	64950	
EPA METHOD 8021B: VOLATILES						Analyst	NSB	
Benzene	2.9	0.11		mg/Kg	5	1/12/2022 11:34:06 AM	64950	
Toluene	68	2.3		mg/Kg	50	1/12/2022 10:54:55 PM	64950	
Ethylbenzene	61	2.3		mg/Kg	50	1/12/2022 10:54:55 PM	64950	
Xylenes, Total	64	0.46		mg/Kg	5	1/12/2022 11:34:06 AM	64950	
Surr: 4-Bromofluorobenzene	295	70-130	S	%Rec	5	1/12/2022 11:34:06 AM	64950	

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

Qualifiers:

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

Page 5 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland Project: Jackson B 57	Client Sample ID: A1-35 Collection Date: 1/6/2022 9:05:00 AM							
Lab ID: 2201360-006	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM		
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	JMT	
Chloride	840	60		mg/Kg	20	1/12/2022 9:54:30 PM	64993	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	: SB	
Diesel Range Organics (DRO)	4800	170		mg/Kg	20	1/13/2022 2:22:47 PM	64960	
Motor Oil Range Organics (MRO)	1700	870		mg/Kg	20	1/13/2022 2:22:47 PM	64960	
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 2:22:47 PM	64960	
EPA METHOD 8015D: GASOLINE RANG	GE					Analyst	NSB	
Gasoline Range Organics (GRO)	1300	24		mg/Kg	5	1/12/2022 11:57:37 AM	64950	
Surr: BFB	1140	70-130	S	%Rec	5	1/12/2022 11:57:37 AM	64950	
EPA METHOD 8021B: VOLATILES						Analyst	: NSB	
Benzene	5.5	0.12		mg/Kg	5	1/12/2022 11:57:37 AM	64950	
Toluene	82	2.4		mg/Kg	50	1/12/2022 11:18:10 PM	64950	
Ethylbenzene	66	2.4		mg/Kg	50	1/12/2022 11:18:10 PM	64950	
Xylenes, Total	70	4.7		mg/Kg	50	1/12/2022 11:18:10 PM	64950	
Surr: 4-Bromofluorobenzene	297	70-130	S	%Rec	5	1/12/2022 11:57:37 AM	64950	

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

Qualifiers:

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

Page 6 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A1	-40	
Project: Jackson B 57		(Collect	ion Dat	e: 1/6	5/2022 9:15:00 AM	
Lab ID: 2201360-007	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	ЈМТ
Chloride	1100	60		mg/Kg	20	1/12/2022 10:06:54 PM	64993
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	3200	190		mg/Kg	20	1/13/2022 2:46:48 PM	64960
Motor Oil Range Organics (MRO)	1200	970		mg/Kg	20	1/13/2022 2:46:48 PM	64960
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 2:46:48 PM	64960
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	NSB
Gasoline Range Organics (GRO)	950	24		mg/Kg	5	1/12/2022 12:21:13 PM	64950
Surr: BFB	867	70-130	S	%Rec	5	1/12/2022 12:21:13 PM	64950
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	3.1	0.12		mg/Kg	5	1/12/2022 12:21:13 PM	64950
Toluene	61	2.4		mg/Kg	50	1/12/2022 11:41:25 PM	64950
Ethylbenzene	52	2.4		mg/Kg	50	1/12/2022 11:41:25 PM	64950
Xylenes, Total	52	0.49		mg/Kg	5	1/12/2022 12:21:13 PM	64950
Surr: 4-Bromofluorobenzene	252	70-130	S	%Rec	5	1/12/2022 12:21:13 PM	64950

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

Qualifiers:

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

Page 7 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A1	-45	
Project: Jackson B 57		(Collect	tion Dat	e: 1/6	5/2022 9:25:00 AM	
Lab ID: 2201360-008	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	ND	60		mg/Kg	20	1/12/2022 10:19:19 PM	64993
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	JME
Diesel Range Organics (DRO)	4300	89		mg/Kg	10	1/13/2022 3:59:49 PM	64960
Motor Oil Range Organics (MRO)	1400	450		mg/Kg	10	1/13/2022 3:59:49 PM	64960
Surr: DNOP	0	70-130	S	%Rec	10	1/13/2022 3:59:49 PM	64960
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	: NSB
Gasoline Range Organics (GRO)	2500	240		mg/Kg	50	1/13/2022 12:04:36 AM	64950
Surr: BFB	232	70-130	S	%Rec	50	1/13/2022 12:04:36 AM	64950
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	52	1.2		mg/Kg	50	1/13/2022 12:04:36 AM	64950
Toluene	170	2.4		mg/Kg	50	1/13/2022 12:04:36 AM	64950
Ethylbenzene	95	2.4		mg/Kg	50	1/13/2022 12:04:36 AM	64950
Xylenes, Total	93	4.8		mg/Kg	50	1/13/2022 12:04:36 AM	64950
Surr: 4-Bromofluorobenzene	133	70-130	S	%Rec	50	1/13/2022 12:04:36 AM	64950

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

Qualifiers:

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

Page 8 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland	Client Sample ID: A1-50							
Project: Jackson B 57		(Collect	ion Dat	e: 1/6	5/2022 9:35:00 AM		
Lab ID: 2201360-009	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM		
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	ЈМТ	
Chloride	ND	60		mg/Kg	20	1/12/2022 10:31:43 PM	64993	
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS					Analyst	SB	
Diesel Range Organics (DRO)	8700	190		mg/Kg	20	1/13/2022 3:10:48 PM	64960	
Motor Oil Range Organics (MRO)	3000	950		mg/Kg	20	1/13/2022 3:10:48 PM	64960	
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 3:10:48 PM	64960	
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	NSB	
Gasoline Range Organics (GRO)	2700	240		mg/Kg	50	1/13/2022 12:27:44 AM	64950	
Surr: BFB	278	70-130	S	%Rec	50	1/13/2022 12:27:44 AM	64950	
EPA METHOD 8021B: VOLATILES						Analyst	NSB	
Benzene	25	1.2		mg/Kg	50	1/13/2022 12:27:44 AM	64950	
Toluene	180	2.4		mg/Kg	50	1/13/2022 12:27:44 AM	64950	
Ethylbenzene	120	2.4		mg/Kg	50	1/13/2022 12:27:44 AM	64950	
Xylenes, Total	140	4.9		mg/Kg	50	1/13/2022 12:27:44 AM	64950	
Surr: 4-Bromofluorobenzene	142	70-130	S	%Rec	50	1/13/2022 12:27:44 AM	64950	

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

Qualifiers:

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

Page 9 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A1	-55			
Project: Jackson B 57	Collection Date: 1/6/2022 9:45:00 AM								
Lab ID: 2201360-010	Matrix: SOIL		Receiv	ved Dat	e: 1/1	1/2022 8:00:00 AM			
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst	ЈМТ		
Chloride	ND	61		mg/Kg	20	1/12/2022 10:44:08 PM	64993		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	JME		
Diesel Range Organics (DRO)	1600	95		mg/Kg	10	1/14/2022 9:29:40 AM	64960		
Motor Oil Range Organics (MRO)	560	470		mg/Kg	10	1/14/2022 9:29:40 AM	64960		
Surr: DNOP	0	70-130	S	%Rec	10	1/14/2022 9:29:40 AM	64960		
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB		
Gasoline Range Organics (GRO)	740	24		mg/Kg	5	1/12/2022 1:31:46 PM	64950		
Surr: BFB	782	70-130	S	%Rec	5	1/12/2022 1:31:46 PM	64950		
EPA METHOD 8021B: VOLATILES						Analyst	NSB		
Benzene	2.1	0.12		mg/Kg	5	1/12/2022 1:31:46 PM	64950		
Toluene	37	2.4		mg/Kg	50	1/13/2022 12:50:58 AM	64950		
Ethylbenzene	35	2.4		mg/Kg	50	1/13/2022 12:50:58 AM	64950		
Xylenes, Total	40	0.49		mg/Kg	5	1/12/2022 1:31:46 PM	64950		
Surr: 4-Bromofluorobenzene	225	70-130	S	%Rec	5	1/12/2022 1:31:46 PM	64950		

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

Qualifiers:

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

Page 10 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sample II): A1	1-60	
Project: Jackson B 57		(Collection Dat	e: 1/6	5/2022 9:55:00 AM	
Lab ID: 2201360-011	Matrix: SOIL		Received Dat	e: 1/1	11/2022 8:00:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	1/12/2022 10:56:33 PM	64993
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	13	10	mg/Kg	1	1/12/2022 11:49:13 AM	64960
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	1/12/2022 11:49:13 AM	64960
Surr: DNOP	83.5	70-130	%Rec	1	1/12/2022 11:49:13 AM	64960
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	23	mg/Kg	5	1/12/2022 3:05:36 PM	64950
Surr: BFB	96.8	70-130	%Rec	5	1/12/2022 3:05:36 PM	64950
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	0.31	0.11	mg/Kg	5	1/12/2022 3:05:36 PM	64950
Toluene	0.26	0.23	mg/Kg	5	1/12/2022 3:05:36 PM	64950
Ethylbenzene	ND	0.23	mg/Kg	5	1/12/2022 3:05:36 PM	64950
Xylenes, Total	ND	0.46	mg/Kg	5	1/12/2022 3:05:36 PM	64950
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	5	1/12/2022 3:05:36 PM	64950

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

Qualifiers:

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

Page 11 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cli	ent Sample II	D: A1	1-65				
Project: Jackson B 57		С	ollection Dat	e: 1/6	5/2022 10:05:00 AM				
Lab ID: 2201360-012	Matrix: SOIL	Received Date: 1/11/2022 8:00:00 AM							
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	: JMT			
Chloride	ND	60	mg/Kg	20	1/12/2022 11:08:58 PM	1 64993			
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analys	: SB			
Diesel Range Organics (DRO)	11	10	mg/Kg	1	1/12/2022 12:01:09 PM	64960			
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	1/12/2022 12:01:09 PM	64960			
Surr: DNOP	103	70-130	%Rec	1	1/12/2022 12:01:09 PM	64960			
EPA METHOD 8015D: GASOLINE RANG	E				Analys	: NSB			
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	1/12/2022 3:29:11 PM	64950			
Surr: BFB	98.8	70-130	%Rec	5	1/12/2022 3:29:11 PM	64950			
EPA METHOD 8021B: VOLATILES					Analys	: NSB			
Benzene	ND	0.12	mg/Kg	5	1/12/2022 3:29:11 PM	64950			
Toluene	ND	0.24	mg/Kg	5	1/12/2022 3:29:11 PM	64950			
Ethylbenzene	ND	0.24	mg/Kg	5	1/12/2022 3:29:11 PM	64950			
Xylenes, Total	ND	0.48	mg/Kg	5	1/12/2022 3:29:11 PM	64950			
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	5	1/12/2022 3:29:11 PM	64950			

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

Qualifiers:

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

Page 12 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cli	ient Sample II	D: A1	1-70				
Project: Jackson B 57	Collection Date: 1/6/2022 10:10:00 AM								
Lab ID: 2201360-013	Matrix: SOIL		Received Dat	e: 1/1	11/2022 8:00:00 AM				
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	JMT			
Chloride	ND	60	mg/Kg	20	1/12/2022 11:21:23 PM	64993			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB			
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	1/12/2022 12:13:12 PM	64960			
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	1/12/2022 12:13:12 PM	64960			
Surr: DNOP	86.5	70-130	%Rec	1	1/12/2022 12:13:12 PM	64960			
EPA METHOD 8015D: GASOLINE RANGE	i .				Analyst	NSB			
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	1/12/2022 3:52:48 PM	64950			
Surr: BFB	99.4	70-130	%Rec	5	1/12/2022 3:52:48 PM	64950			
EPA METHOD 8021B: VOLATILES					Analyst	NSB			
Benzene	ND	0.12	mg/Kg	5	1/12/2022 3:52:48 PM	64950			
Toluene	ND	0.25	mg/Kg	5	1/12/2022 3:52:48 PM	64950			
Ethylbenzene	ND	0.25	mg/Kg	5	1/12/2022 3:52:48 PM	64950			
Xylenes, Total	ND	0.49	mg/Kg	5	1/12/2022 3:52:48 PM	64950			
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	5	1/12/2022 3:52:48 PM	64950			

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

Qualifiers:

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

Page 13 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland	Client Sample ID: A1-75							
Project: Jackson B 57		(Collect	ion Dat	e: 1/6	5/2022 10:30:00 AM		
Lab ID: 2201360-014	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM		
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	JMT	
Chloride	210	61		mg/Kg	20	1/12/2022 11:33:48 PM	64993	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	SB	
Diesel Range Organics (DRO)	1700	96		mg/Kg	10	1/18/2022 10:37:58 AM	64960	
Motor Oil Range Organics (MRO)	620	480		mg/Kg	10	1/18/2022 10:37:58 AM	64960	
Surr: DNOP	0	70-130	S	%Rec	10	1/18/2022 10:37:58 AM	64960	
EPA METHOD 8015D: GASOLINE RANG	Ε					Analyst	NSB	
Gasoline Range Organics (GRO)	200	24		mg/Kg	5	1/12/2022 4:16:31 PM	64950	
Surr: BFB	364	70-130	S	%Rec	5	1/12/2022 4:16:31 PM	64950	
EPA METHOD 8021B: VOLATILES						Analyst	NSB	
Benzene	0.22	0.12		mg/Kg	5	1/12/2022 4:16:31 PM	64950	
Toluene	4.1	0.24		mg/Kg	5	1/12/2022 4:16:31 PM	64950	
Ethylbenzene	8.3	0.24		mg/Kg	5	1/12/2022 4:16:31 PM	64950	
Xylenes, Total	11	0.48		mg/Kg	5	1/12/2022 4:16:31 PM	64950	
Surr: 4-Bromofluorobenzene	149	70-130	S	%Rec	5	1/12/2022 4:16:31 PM	64950	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Р
- Sample pH Not In Range RL Reporting Limit
- Page 14 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sample I	D: A2	-10				
Project: Jackson B 57	Collection Date: 1/6/2022 11:10:00 AM								
Lab ID: 2201360-015	Matrix: SOIL		Received Date: 1/11/2022 8:00:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	: LRN			
Chloride	18000	600	mg/Kg	200) 1/15/2022 12:21:15 AM	64993			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB			
Diesel Range Organics (DRO)	13	8.7	mg/Kg	1	1/12/2022 12:25:15 PM	64960			
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	1/12/2022 12:25:15 PM	64960			
Surr: DNOP	87.3	70-130	%Rec	1	1/12/2022 12:25:15 PM	64960			
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB			
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	1/12/2022 4:40:13 PM	64950			
Surr: BFB	101	70-130	%Rec	5	1/12/2022 4:40:13 PM	64950			
EPA METHOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	ND	0.12	mg/Kg	5	1/12/2022 4:40:13 PM	64950			
Toluene	ND	0.24	mg/Kg	5	1/12/2022 4:40:13 PM	64950			
Ethylbenzene	ND	0.24	mg/Kg	5	1/12/2022 4:40:13 PM	64950			
Xylenes, Total	ND	0.48	mg/Kg	5	1/12/2022 4:40:13 PM	64950			
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	5	1/12/2022 4:40:13 PM	64950			

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit
- Page 15 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland	Client Sample ID: A2-15								
Project: Jackson B 57		(Collect	ion Dat	e: 1/6	5/2022 11:20:00 AM			
Lab ID: 2201360-016	Matrix: SOIL Received Date: 1/11/2022 8:00:00 AM								
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst	LRN		
Chloride	4500	150		mg/Kg	50	1/15/2022 12:33:36 AM	64993		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB		
Diesel Range Organics (DRO)	1900	91		mg/Kg	10	1/18/2022 11:02:08 AM	64960		
Motor Oil Range Organics (MRO)	670	450		mg/Kg	10	1/18/2022 11:02:08 AM	64960		
Surr: DNOP	0	70-130	S	%Rec	10	1/18/2022 11:02:08 AM	64960		
EPA METHOD 8015D: GASOLINE RANGE	E					Analyst	: NSB		
Gasoline Range Organics (GRO)	290	23		mg/Kg	5	1/12/2022 5:03:43 PM	64950		
Surr: BFB	486	70-130	S	%Rec	5	1/12/2022 5:03:43 PM	64950		
EPA METHOD 8021B: VOLATILES						Analyst	: NSB		
Benzene	0.22	0.12		mg/Kg	5	1/12/2022 5:03:43 PM	64950		
Toluene	1.1	0.23		mg/Kg	5	1/12/2022 5:03:43 PM	64950		
Ethylbenzene	1.2	0.23		mg/Kg	5	1/12/2022 5:03:43 PM	64950		
Xylenes, Total	15	0.46		mg/Kg	5	1/12/2022 5:03:43 PM	64950		
Surr: 4-Bromofluorobenzene	133	70-130	S	%Rec	5	1/12/2022 5:03:43 PM	64950		

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

Qualifiers:

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

Page 16 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A2-	-20	
Project: Jackson B 57		(Collect	ion Dat	e: 1/6/	/2022 11:30:00 AM	
Lab ID: 2201360-017	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	8500	600		mg/Kg	200	1/15/2022 12:45:57 AM	64993
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	JME
Diesel Range Organics (DRO)	1300	96		mg/Kg	10	1/13/2022 4:10:25 PM	64960
Motor Oil Range Organics (MRO)	640	480		mg/Kg	10	1/13/2022 4:10:25 PM	64960
Surr: DNOP	0	70-130	S	%Rec	10	1/13/2022 4:10:25 PM	64960
EPA METHOD 8015D: GASOLINE RANGI	E					Analyst	NSB
Gasoline Range Organics (GRO)	54	23		mg/Kg	5	1/12/2022 5:27:14 PM	64950
Surr: BFB	169	70-130	S	%Rec	5	1/12/2022 5:27:14 PM	64950
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	0.12	0.11		mg/Kg	5	1/12/2022 5:27:14 PM	64950
Toluene	0.53	0.23		mg/Kg	5	1/12/2022 5:27:14 PM	64950
Ethylbenzene	0.24	0.23		mg/Kg	5	1/12/2022 5:27:14 PM	64950
Xylenes, Total	1.7	0.45		mg/Kg	5	1/12/2022 5:27:14 PM	64950
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	5	1/12/2022 5:27:14 PM	64950

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Р
- Sample pH Not In Range RL Reporting Limit
- Page 17 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cli	ient Sa	ample I	D: A2-	-25	
Project: Jackson B 57		(Collect	ion Dat	e: 1/6/	/2022 11:40:00 AM	
Lab ID: 2201360-018	Matrix: SOIL		Receiv	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	8900	300		mg/Kg	100	1/15/2022 12:58:18 AM	65009
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	3000	180		mg/Kg	20	1/13/2022 1:31:24 PM	64960
Motor Oil Range Organics (MRO)	980	880		mg/Kg	20	1/13/2022 1:31:24 PM	64960
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 1:31:24 PM	64960
EPA METHOD 8015D: GASOLINE RANGI	E					Analyst	NSB
Gasoline Range Organics (GRO)	1200	25		mg/Kg	5	1/12/2022 5:50:35 PM	64950
Surr: BFB	1030	70-130	S	%Rec	5	1/12/2022 5:50:35 PM	64950
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	2.0	0.12		mg/Kg	5	1/12/2022 5:50:35 PM	64950
Toluene	70	2.5		mg/Kg	50	1/13/2022 5:31:58 PM	64950
Ethylbenzene	55	2.5		mg/Kg	50	1/13/2022 5:31:58 PM	64950
Xylenes, Total	66	0.49		mg/Kg	5	1/12/2022 5:50:35 PM	64950
Surr: 4-Bromofluorobenzene	282	70-130	S	%Rec	5	1/12/2022 5:50:35 PM	64950

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

Qualifiers:

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

Page 18 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A2-	-30	
Project: Jackson B 57		(Collect	ion Dat	e: 1/6/	/2022 11:50:00 AM	
Lab ID: 2201360-019	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	8500	300		mg/Kg	100	1/15/2022 1:10:38 AM	65009
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	4100	180		mg/Kg	20	1/13/2022 1:43:39 PM	64960
Motor Oil Range Organics (MRO)	1400	900		mg/Kg	20	1/13/2022 1:43:39 PM	64960
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 1:43:39 PM	64960
EPA METHOD 8015D: GASOLINE RANGE	E					Analyst	NSB
Gasoline Range Organics (GRO)	1200	24		mg/Kg	5	1/12/2022 6:13:54 PM	64950
Surr: BFB	1090	70-130	S	%Rec	5	1/12/2022 6:13:54 PM	64950
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	2.2	0.12		mg/Kg	5	1/12/2022 6:13:54 PM	64950
Toluene	71	2.4		mg/Kg	50	1/13/2022 11:39:16 AM	64950
Ethylbenzene	62	2.4		mg/Kg	50	1/13/2022 11:39:16 AM	64950
Xylenes, Total	74	4.8		mg/Kg	50	1/13/2022 11:39:16 AM	64950
Surr: 4-Bromofluorobenzene	301	70-130	S	%Rec	5	1/12/2022 6:13:54 PM	64950

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

Qualifiers:

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

Page 19 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient S	ample II	D: A2	-35	
Project: Jackson B 57		(Collect	tion Dat	e: 1/6	/2022 12:00:00 PM	
Lab ID: 2201360-020	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	9500	600		mg/Kg	200	1/15/2022 1:22:59 AM	65009
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB
Diesel Range Organics (DRO)	3400	200		mg/Kg	20	1/13/2022 1:56:01 PM	64960
Motor Oil Range Organics (MRO)	1200	980		mg/Kg	20	1/13/2022 1:56:01 PM	64960
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 1:56:01 PM	64960
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	NSB
Gasoline Range Organics (GRO)	940	230		mg/Kg	50	1/12/2022 6:37:30 PM	64950
Surr: BFB	195	70-130	S	%Rec	50	1/12/2022 6:37:30 PM	64950
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	2.4	1.2		mg/Kg	50	1/12/2022 6:37:30 PM	64950
Toluene	39	2.3		mg/Kg	50	1/12/2022 6:37:30 PM	64950
Ethylbenzene	40	2.3		mg/Kg	50	1/12/2022 6:37:30 PM	64950
Xylenes, Total	43	4.6		mg/Kg	50	1/12/2022 6:37:30 PM	64950
Surr: 4-Bromofluorobenzene	124	70-130		%Rec	50	1/12/2022 6:37:30 PM	64950

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

Qualifiers:

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

Page 20 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A2-	-40	
Project: Jackson B 57		(Collect	ion Dat	e: 1/6,	/2022 12:10:00 PM	
Lab ID: 2201360-021	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	12000	600		mg/Kg	200	1/15/2022 1:35:21 AM	65009
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	JME
Diesel Range Organics (DRO)	8600	200		mg/Kg	20	1/13/2022 5:45:34 PM	64980
Motor Oil Range Organics (MRO)	3100	1000		mg/Kg	20	1/13/2022 5:45:34 PM	64980
Surr: DNOP	0	70-130	S	%Rec	20	1/13/2022 5:45:34 PM	64980
EPA METHOD 8015D: GASOLINE RAN	IGE					Analyst	: mb
Gasoline Range Organics (GRO)	2600	240		mg/Kg	50	1/13/2022 8:22:00 AM	64958
Surr: BFB	276	70-130	S	%Rec	50	1/13/2022 8:22:00 AM	64958
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	51	1.2		mg/Kg	50	1/13/2022 8:22:00 AM	64958
Toluene	190	2.4		mg/Kg	50	1/13/2022 8:22:00 AM	64958
Ethylbenzene	110	2.4		mg/Kg	50	1/13/2022 8:22:00 AM	64958
Xylenes, Total	110	4.8		mg/Kg	50	1/13/2022 8:22:00 AM	64958
Surr: 4-Bromofluorobenzene	147	70-130	S	%Rec	50	1/13/2022 8:22:00 AM	64958

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Р
- Sample pH Not In Range RL Reporting Limit
- Page 21 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland		Cl	ient Sa	ample II	D: A2-4	45	
Project: Jackson B 57		(Collect	ion Dat	e: 1/6/2	2022 12:20:00 PM	
Lab ID: 2201360-022	Matrix: SOIL		Recei	ved Dat	e: 1/11/	/2022 8:00:00 AM	
Analyses	Result	PQL	Qual	Units	DF I	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	LRN
Chloride	9600	300		mg/Kg	100	1/15/2022 2:12:24 AM	65009
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	JME
Diesel Range Organics (DRO)	18000	490		mg/Kg	50	1/13/2022 5:56:08 PM	64980
Motor Oil Range Organics (MRO)	7300	2500		mg/Kg	50	1/13/2022 5:56:08 PM	64980
Surr: DNOP	0	70-130	S	%Rec	50	1/13/2022 5:56:08 PM	64980
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	mb
Gasoline Range Organics (GRO)	6700	970		mg/Kg	200	1/13/2022 9:02:00 AM	64958
Surr: BFB	187	70-130	S	%Rec	200	1/13/2022 9:02:00 AM	64958
EPA METHOD 8021B: VOLATILES						Analyst	mb
Benzene	220	4.8		mg/Kg	200	1/13/2022 9:02:00 AM	64958
Toluene	590	9.7		mg/Kg	200	1/13/2022 9:02:00 AM	64958
Ethylbenzene	270	9.7		mg/Kg	200	1/13/2022 9:02:00 AM	64958
Xylenes, Total	290	19		mg/Kg	200	1/13/2022 9:02:00 AM	64958
Surr: 4-Bromofluorobenzene	122	70-130		%Rec	200	1/13/2022 9:02:00 AM	64958

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

Qualifiers:

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

Page 22 of 27

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2201360

Date Reported: 1/21/2022

CLIENT: GHD Midland	Client Sample ID: A2-50									
Project: Jackson B 57	Collection Date: 1/6/2022 12:30:00 PM									
Lab ID: 2201360-023	Matrix: SOIL		Recei	ved Dat	e: 1/1	1/2022 8:00:00 AM				
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst	CAS			
Chloride	74	60		mg/Kg	20	1/13/2022 5:49:17 PM	65009			
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS					Analyst	JME			
Diesel Range Organics (DRO)	1100	99		mg/Kg	10	1/13/2022 6:06:42 PM	64980			
Motor Oil Range Organics (MRO)	600	490		mg/Kg	10	1/13/2022 6:06:42 PM	64980			
Surr: DNOP	0	70-130	S	%Rec	10	1/13/2022 6:06:42 PM	64980			
EPA METHOD 8015D: GASOLINE RANG	Ε					Analyst	: mb			
Gasoline Range Organics (GRO)	540	23		mg/Kg	5	1/13/2022 9:41:00 AM	64958			
Surr: BFB	467	70-130	S	%Rec	5	1/13/2022 9:41:00 AM	64958			
EPA METHOD 8021B: VOLATILES						Analyst	: mb			
Benzene	1.0	0.12		mg/Kg	5	1/13/2022 9:41:00 AM	64958			
Toluene	20	0.23		mg/Kg	5	1/13/2022 9:41:00 AM	64958			
Ethylbenzene	21	0.47		mg/Kg	10	1/13/2022 8:31:00 PM	64958			
Xylenes, Total	25	0.47		mg/Kg	5	1/13/2022 9:41:00 AM	64958			
Surr: 4-Bromofluorobenzene	266	70-130	S	%Rec	5	1/13/2022 9:41:00 AM	64958			

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

Qualifiers:

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

Page 23 of 27

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Released to Imaging: 3/22/2024 8:59:38 AM

Result

Result

Result

Result

Result

14

ND

14

ND

14

PQL

SampType: mblk

Batch ID: 64993

Analysis Date: 1/12/2022

SampType: Ics

Batch ID: 64993

Analysis Date: 1/12/2022

SampType: mblk

Batch ID: 65009

Analysis Date: 1/13/2022

SampType: Ics

Batch ID: 65009

Analysis Date: 1/13/2022

PQL

1.5

PQL

1.5

PQL

1.5

PQL

1.5

1.5

SPK value SPK Ref Val

15.00

15.00

15.00

L C	onmental Ana			ory, Inc.					WO#:	2201360 21-Jan-22
Client: Project:	GHD Midland Jackson B 57									
Sample ID: MB-64	4966 San	npType: m	ıblk	Test	Code: EP	A Method	300.0: Anion	s		
Client ID: PBS	Ва	atch ID: 6	4966	R	unNo: 85	087				
Prep Date: 1/11	/2022 Analysi	s Date: 1	1/11/2022	S	eqNo: 29	93902	Units: mg/K	g		
Analyte	Resul	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	NE) 1.5	5							
Sample ID: LCS-6	64966 San	прТуре: Іс	s	Test	Code: EP	A Method	300.0: Anion	s		
Client ID: LCSS	Ba	atch ID: 6	4966	R	unNo: 85	087				
Prep Date: 1/11	/2022 Analysi	s Date: 1	1/11/2022	S	eqNo: 29	93903	Units: mg/K	g		

%REC

0

SPK value SPK Ref Val %REC LowLimit

0

92.8

RunNo: 85123

RunNo: 85123

%REC

93.7

RunNo: 85140

RunNo: 85140

%REC

93.3

SeqNo: 2995865

SeqNo: 2995864

%REC LowLimit

SeqNo: 2995032

SeqNo: 2995031

LowLimit

TestCode: EPA Method 300.0: Anions

TestCode: EPA Method 300.0: Anions

LowLimit

TestCode: EPA Method 300.0: Anions

TestCode: EPA Method 300.0: Anions

LowLimit

90

90

90

HighLimit

110

Units: mg/Kg

Units: mg/Kg

110

Units: mg/Kg

Units: mg/Kg

110

HighLimit

HighLimit

HighLimit

HighLimit

Qualifiers:

Analyte

Analyte

Analyte Chloride

Analyte

Analyte

Chloride

Chloride

Chloride

Sample ID: MB-64993

Prep Date: 1/12/2022

Sample ID: LCS-64993

Prep Date: 1/12/2022

Sample ID: MB-65009

Prep Date: 1/13/2022

Sample ID: LCS-65009

Prep Date: 1/13/2022

Client ID: LCSS

Client ID: PBS

Client ID: LCSS

Client ID: PBS

Chloride

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

٥

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

RPDLimit

RPDLimit

RPDLimit

RPDLimit

RPDLimit

Qual

Qual

Qual

Qual

Qual

%RPD

%RPD

%RPD

%RPD

%RPD

Hall Environment			Laborat	ory, Inc.					WO#:	220136 21-Jan-22
Client: GHD M Project: Jackson										
Sample ID: MB-64960	SampT	ype: ME	BLK	Tes	tCode: E	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batcl	h ID: 64	960	F	RunNo: 8	5093				
Prep Date: 1/11/2022	Analysis D	Date: 1/	12/2022	S	SeqNo: 2	994121	Units: mg/H	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		101	70	130			
Sample ID: 1 CS 64060	Somo		<u>.</u>	Тоо	tCodo: E			and Dana	Organica	

Sample ID: LCS-64960	SampType: L	cs	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64	4960	RunNo: 85093								
Prep Date: 1/11/2022	Analysis Date: 1	/12/2022	5	SeqNo: 29	994126	Units: mg/k	(g				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	48 10	50.00	0	95.3	68.9	135					
Surr: DNOP	4.8	5.000		96.3	70	130					
Sample ID: MB-64980	SampType: M	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics			
Client ID: PBS	Batch ID: 64	4980	F	RunNo: 8	5152						
Prep Date: 1/12/2022	Analysis Date: 1	/13/2022	5	SeqNo: 29	95661	Units: mg/k	ζg				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND 10										
Motor Oil Range Organics (MRO)	ND 50)									
Surr: DNOP	8.9	10.00		89.2	70	130					
Sample ID: LCS-64980	SampType: L	cs	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics			
Sample ID: LCS-64980 Client ID: LCSS	SampType: Lo Batch ID: 64			tCode: EF		8015M/D: Di	esel Rango	e Organics			
	1 91	4980	F		5152	8015M/D: Die Units: mg/K	Ū	e Organics			
Client ID: LCSS	Batch ID: 64	4980 /13/2022	F	RunNo: 8	5152		Ū	e Organics RPDLimit	Qual		

Qualifiers:

Surr: DNOP

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

4.6

5.000

- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

91.8

70

130

RL Reporting Limit

Ξ

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	GHD Mi Jackson										
Sample ID	: mb-64958	SampT	ype: ME	BLK	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch	ID: 64	958	F	RunNo: 8	5110				
Prep Date:	1/11/2022	Analysis Da	ate: 1/	12/2022	S	SeqNo: 2	994495	Units: mg/K	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	ND 890	5.0	1000		88.9	70	130			
Sample ID	: Ics-64958	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID:	LCSS	Batch	ID: 64	958	F	RunNo: 8	5110				
Prep Date:	1/11/2022	Analysis Da	ate: 1/	12/2022	S	SeqNo: 2	994497	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	25	5.0	25.00	0	98.4	78.6	131			
Surr: BFB		1000		1000		102	70	130			
Sample ID	: mb-64950	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID:	PBS	Batch	ID: 64	950	F	RunNo: 8	5111				
Prep Date:	1/11/2022	Analysis Da	ate: 1/	12/2022	S	SeqNo: 2	994561	Units: mg/K	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	ge Organics (GRO)	ND	5.0								
Surr: BFB		970		1000		97.4	70	130			
Sample ID	: Ics-64950	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	9	
Client ID:	LCSS	Batch	ID: 64	950	F	RunNo: 8	5111				
Prep Date:	1/11/2022	Analysis Da	ate: 1/	12/2022	S	SeqNo: 2	994562	Units: mg/K	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte		Result	IQL			,		0			
,	ge Organics (GRO)	25 1100	5.0	25.00 1000	0	98.4 109	78.6 70	131 130		-	

Qualifiers:

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

2201360

21-Jan-22

WO#:

	WO#:	2201360	
tory, Inc.		21-Jan-22	

Client: Project:	GHD Mid Jackson B											
Sample ID: m	1b-64958	SampType: MBLK TestCode: EPA Method 8021B: Volatiles										
Client ID: P	BS	Batch ID: 64958			RunNo: 85110							
Prep Date:	1/11/2022	Analysis Date: 1/12/2022			SeqNo: 2994523			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-Bromofl	luorobenzene	0.92		1.000		91.7	70	130				
Sample ID: Ic	s-64958	SampType: LCS TestCode: EPA Method 8021B: Volatiles										
Client ID: L	CSS	Batch ID: 64958				RunNo: 8	5110					
Prep Date:	1/11/2022	Analysis D	ate: 1/	12/2022	5	SeqNo: 2	994524	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		0.94	0.025	1.000	0	94.4	80	120				
Toluene		0.95	0.050	1.000	0	94.7	80	120				
Ethylbenzene		0.94	0.050	1.000	0	94.4	80	120				
Xylenes, Total		2.8	0.10	3.000	0	92.9	80	120				
Surr: 4-Bromofl	luorobenzene	0.91		1.000		91.4	70	130				
Sample ID: m	ıb-64950	SampType: MBLK			Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID: P	BS	Batch	n ID: 64	950	F	RunNo: 8	5111					
Prep Date:	1/11/2022	Analysis D	ate: 1/	12/2022	S	SeqNo: 2	994609	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		ND	0.025									
Toluene		ND	0.050									
Ethylbenzene		ND	0.050									
Xylenes, Total		ND	0.10	4 000		105	70	400				
Surr: 4-Bromofl	luorobenzene	1.1		1.000		105	70	130				
Sample ID: L			ype: LC			TestCode: EPA Method 8021B: Volatiles						
Client ID: L	CSS	Batch	n ID: 64	950	F	RunNo: 8	5111					
Prep Date:	1/11/2022	Analysis Date: 1/12/2022			SeqNo: 2994610 Units			Units: mg/K	nits: mg/Kg			
Analyte		Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		0.91	0.025	1.000	0	91.1	80	120				
Toluene		0.90	0.050	1.000	0	90.4	80	120				
Ethylbenzene		0.91	0.050	1.000	0	91.2	80	120				
Xylenes, Total		2.7	0.10	3.000	0	91.4	80	120				
Surr: 4-Bromofl	luorobenzene	1.1		1.000		108	70	130				

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit
| | ONMENT | 54:09 PM
AL | TI | all Environme
EL: 505-345
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Albuquerqu
3975 FAX: 5 | Hawkins
e, NM 87
05-345-4 | NE
109 S
107 | Sar | nple Log-In Ch | Page 181
eck List |
|---|---------------|-----------------|------------------------------|--|-----------------------------------|---------------------------------|---------------------------|--|--|----------------------|
| Client Name: | GHD Midla | and | Work | k Order Num | nber: 2201; | 60 | | | RcptNo: 1 | |
| Received By: | Cheyenn | e Cason | 1/11/20 | 022 8:00:00 | АМ | | Chenl | ~ | | |
| Completed By: | Sean Livi | ngston | 1/11/20 | 022 8:23:41 | АМ | | 5. | / | | |
| Reviewed By: | rpa | $-\iota$ | 122 | 9:1 | 45 | | 0,0 | - <i>U</i> , | | |
| Chain of Cust | <u>ody</u> | | | | | | | | | |
| 1. Is Chain of Cu | stody comp | olete? | | | Yes | | No | | Not Present | |
| 2. How was the s | ample deliv | /ered? | | | Courie | <u>er</u> | | | | |
| Log In
3. Was an attemp | t mada ta | cool the come | 10 | | | - | | | | |
| | n made to o | Jool the sampl | es? | | Yes | | No [| | NA 🗌 | |
| 4. Were all sampl | es receivec | l at a temperat | ture of >0° C | to 6.0°C | Yes [|
es not f | No [| ~ | | |
| 5. Sample(s) in p | oper conta | iner(s)? | | | Yes [| and a state of the state of | No [| | | |
| 6. Sufficient samp | le volume f | or indicated te | st(s)? | | Yes | | No [| | | |
| 7. Are samples (e | cept VOA | and ONG) pro | perly preserv | ed? | Yes | | No [| | | |
| 8. Was preservativ | ve added to | bottles? | | | Yes [| | No 💽 | / | NA 🗌 | |
| 9. Received at lea | st 1 vial wit | h headspace · | <1/4" for AQ \ | /OA? | Yes [| | No [| | NA 🔽 | |
| 10. Were any sam | ole containe | ers received bi | roken? | | Yes [| | No | | | |
| 11. Does paperworl | | | | | Yes | | No [| | # of preserved
bottles checked
for pH: | |
| (Note discrepan
2. Are matrices co | | • • | | | Yes | | No 🗌 | - | (S2 or >1
Adjusted? | 2 unless noted) |
| 3. Is it clear what a | | | | | Yes | | No [| | / | |
| 4. Were all holding
(If no, notify cus | times able | e to be met? | | | Yes | | No [| _ | Checked by: | 1/11/22 |
| pecial Handlir | ng (if app | olicable) | | | | | | | | |
| 15. Was client notif | ied of all di | screpancies w | vith this order | ? | Yes [| | No [| | NA 🔽 | |
| Person N | otified: |] | | Date | : | | | ananar- | | |
| By Whom | r: | | aller og det starte at en te | Via: | eMail | 🗌 Ph | one 🗌 F | Fax | In Person | |
| Regardin
Client Ins | | | | | | | | 99999999999999999999999999999999999999 | | |
| 16. Additional rem | arks: | | | | | | | | | |
| 17. <u>Cooler Inform</u>
Cooler No | | Condition | Seal Intact | Soal Na | Seel Det | | | | | |
| | -0.4 | Good | Sear mact | Seal No | Seal Date | | Signed By | / | | |

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Page 1 of 1

Re ZUS	IRONMENTAL	ANALYSIS LABORATOR	all	Hawkins NE - Albuquerque, NM 87109	505-345-4107	Alialysis Kequest	در (102) 202 202 202 202 202	SIM3 SIM3 SIM3	ово везену везену везену везену везену та та та та та та та та та та та та та	65% 65% 10 or 13 13, 1 15 13, 1 15 13 10 10 10 10 10 10 10 10 10 10 10 10 10	5D(G sticid 831(Meta MO (A(ON) (A(PH:801 Pel: 2081 Pe 200 (VC 250 (VC 250 (VC 250 (VC 260 (VC))))))))))))))))))))))))))))))))))))	28 28 20 24 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 7 7 5 7												Remarks: Please email: Chase Settle@eogresources.com:		iaunew.raugniin@gna.com: Along with Becky Haskell		This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time:	A Standard				12 512 030				Zach Comino	A res U No	Vincluding CF): -0.8+0.4 = -0.4	Container Preservative HEAL No.					000		9 76	100	ŝ	QD	OI 1		by: Via: Date Time	Jul 1922 800	Received by: Via: by Date Time Journel		
0 0 1	Client: GHD		Mailing Address:	324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Becky.Haskell@ghd.com	age:	Level 4 (Full Validation)	Accreditation:			Date Time Matrix Sample Name	20622 0870 & AI-10	0830 AI-15	0835 A1-20	Certs A1-25	0855 AI-30	0705 A1-35	0715 AL-40	CA25 AL-45	0935 AI-50	C945 AI-SS		Date: Time: Belinvuichad hur.		Date: Time: Relincuisisad hv.		If he the West of the Mall Environmental man has a house of the Level of the life necessary. samples submitted to Hall Environmental man has a house of the life o	יין ביייר ביינייניים איייה ביויזייטוווטווטו וואל אב אחרטווו

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S.F. S.S.

0	HALLENVIRONMENTA	YSIS LABORATORY		ansity in officiential.com	I Hawkins NE - Albuquerque, NM 87109	505-345-4107	Analysis Request	*୦S ୧ ୧ ୧ ୧	DRC 82 F 1) 22709 6nV/ 6 7 7 7 7 7 7	 J) J) J J<th>40, 312 312 312 312 312 312 312 312 312 312</th><th>sticio 831 Meta Meta N-im V-im</th><th>715X7 2010 2010 2010 2010 2010 2010 2010 201</th><th>85 61 61 61 61 61 61 61 61 61 61 61 61 61</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Remarks: Please email: Chase_Settle@eogresources.com:</th><th></th><th>Alorig with becky Haskell Dve.</th><th></th><th>subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.</th>	40, 312 312 312 312 312 312 312 312 312 312	sticio 831 Meta Meta N-im V-im	715X7 2010 2010 2010 2010 2010 2010 2010 201	85 61 61 61 61 61 61 61 61 61 61 61 61 61														Remarks: Please email: Chase_Settle@eogresources.com:		Alorig with becky Haskell Dve.		subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time:		Project Name:		Herchson B # 57	Project #:		Project Manazor		r: Zach Comino	X Yes 🛛 No		Cooler Temp(including CF): -0,8+0.4 2 -0.4	Container Preservative HEAL No. Type and # Type	270		510	OIS	Old.		H D 2	75	014	010	2071	220	L CO 4		Via: Date T	Received by: Via: V I id 22 &		Chr Cour 1/11/20 0800	racted to other accredited laboratories. This serves as notice of this pos
0 0 1	Client: GHD		Mailing Address:		324 W. Main St. Suite 108, Artesia NM 88210	Phone #: (505)377-4218	email or Fax#: Becky. Haskell@ghd.com	age:	Accreditation:				Date Time Matrix Sample Name	OVIE 5 A1-70	1 1030 1 A1-75	110 W 12		1120 12-15	1130 12-20	lite MZ-25	1150 A7-21		No. 11	N.	- 744	-	Date: Time: Relinquished by: R	110/110	Time: Relinquished by:	10/22 1902 1. M.	If necessary, samples submitted to Hall Environmental may be enhanced	



November 11, 2020 Chase Settle EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Jackson B 57

OrderNo.: 2011064

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 8 sample(s) on 11/3/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental	Analysis	Laboratory,	Inc.
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Lab Order 2011064 Date Reported: 11/11/2020

CLIENT: EOG	Client Sample ID: 2C2-10'												
Project: Jackson B 57	Collection Date: 10/26/2020 2:16:00 PM												
Lab ID: 2011064-001	Matrix: SOIL		Received Date: 11/3/2020 8:00:00 A										
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch						
EPA METHOD 300.0: ANIONS						Analyst	: VP						
Chloride	350	59		mg/Kg	20	11/9/2020 3:51:25 PM	56309						
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	BRM						
Diesel Range Organics (DRO)	5200	94		mg/Kg	10	11/5/2020 11:32:29 AM	56195						
Motor Oil Range Organics (MRO)	2300	470		mg/Kg	10	11/5/2020 11:32:29 AM	56195						
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 11:32:29 AM	56195						
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA						
Gasoline Range Organics (GRO)	600	250		mg/Kg	50	11/6/2020 11:47:46 AM	56185						
Surr: BFB	152	75.3-105	S	%Rec	50	11/6/2020 11:47:46 AM	56185						
EPA METHOD 8021B: VOLATILES						Analyst	RAA						
Benzene	1.1	0.99		mg/Kg	50	11/6/2020 11:47:46 AM	56185						
Toluene	15	2.5		mg/Kg	50	11/6/2020 11:47:46 AM	56185						
Ethylbenzene	8.2	2.5		mg/Kg	50	11/6/2020 11:47:46 AM	56185						
Xylenes, Total	23	4.9		mg/Kg	50	11/6/2020 11:47:46 AM	56185						
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	50	11/6/2020 11:47:46 AM	56185						

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

Qualifiers:

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

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

Page 1 of 13

Lab Order 2011064 Date Reported: 11/11/2020

CLIENT: EOG Project: Jackson B 57	Client Sample ID: 2C2-15' Collection Date: 10/26/2020 2:32:00 PM													
Project: Jackson B 57 Lab ID: 2011064-002	Matrix: SOIL	Received Date: 11/3/2020 8:00:00 AM												
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch							
EPA METHOD 300.0: ANIONS						Analyst:	VP							
Chloride	110	60		mg/Kg	20	11/9/2020 4:28:28 PM	56309							
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS					Analyst:	BRM							
Diesel Range Organics (DRO)	4900	97		mg/Kg	10	11/5/2020 11:56:14 AM	56195							
Motor Oil Range Organics (MRO)	2300	490		mg/Kg	10	11/5/2020 11:56:14 AM	56195							
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 11:56:14 AM	56195							
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst:	RAA							
Gasoline Range Organics (GRO)	650	240		mg/Kg	50	11/6/2020 12:11:18 PM	56185							
Surr: BFB	160	75.3-105	S	%Rec	50	11/6/2020 12:11:18 PM	56185							
EPA METHOD 8021B: VOLATILES						Analyst:	RAA							
Benzene	0.99	0.95		mg/Kg	50	11/6/2020 12:11:18 PM	56185							
Toluene	22	2.4		mg/Kg	50	11/6/2020 12:11:18 PM	56185							
Ethylbenzene	14	2.4		mg/Kg	50	11/6/2020 12:11:18 PM	56185							
Xylenes, Total	27	4.8		mg/Kg	50	11/6/2020 12:11:18 PM								
Surr: 4-Bromofluorobenzene	109	80-120		%Rec	50	11/6/2020 12:11:18 PM	56185							

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

Qualifiers:

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

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

Page 2 of 13

Analytical Report
Lab Order 2011064

Lab Order **2011064** Date Reported: **11/11/2020**

CLIENT: EOG	Client Sample ID: 2C2-20'												
Project: Jackson B 57		(Collect	tion Dat	e: 10	/26/2020 2:38:00 PM							
Lab ID: 2011064-003	Matrix: SOIL		Recei	ved Dat	e: 11	:11/3/2020 8:00:00 AM							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch						
EPA METHOD 300.0: ANIONS						Analyst	VP						
Chloride	1500	60		mg/Kg	20	11/9/2020 4:40:48 PM	56309						
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	BRM						
Diesel Range Organics (DRO)	5100	98		mg/Kg	10	11/5/2020 12:19:58 PM	56195						
Motor Oil Range Organics (MRO)	2700	490		mg/Kg	10	11/5/2020 12:19:58 PM	56195						
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 12:19:58 PM	56195						
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB						
Gasoline Range Organics (GRO)	700	95		mg/Kg	20	11/7/2020 4:11:11 PM	56185						
Surr: BFB	271	75.3-105	S	%Rec	20	11/7/2020 4:11:11 PM	56185						
EPA METHOD 8021B: VOLATILES						Analyst	NSB						
Benzene	0.62	0.47		mg/Kg	20	11/7/2020 4:11:11 PM	56185						
Toluene	12	0.95		mg/Kg	20	11/7/2020 4:11:11 PM	56185						
Ethylbenzene	7.4	0.95		mg/Kg	20	11/7/2020 4:11:11 PM	56185						
Xylenes, Total	24	1.9		mg/Kg	20	11/7/2020 4:11:11 PM	56185						
Surr: 4-Bromofluorobenzene	115	80-120		%Rec	20	11/7/2020 4:11:11 PM	56185						

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

Qualifiers:

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

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

Page 3 of 13

Analytical Report
Lab Order 2011064

Lab Order **2011064** Date Reported: **11/11/2020**

-													
CLIENT: EOG		Cl	ient S	ample I	D: 2C	22-25'							
Project: Jackson B 57	Collection Date: 10/26/2020 2:51:00 PM												
Lab ID: 2011064-004	Matrix: SOIL	Received Date: 11/3/2020 8:00:00 AM											
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch						
EPA METHOD 300.0: ANIONS						Analyst	VP						
Chloride	4400	150		mg/Kg	50	11/10/2020 8:31:50 AM	56309						
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst	BRM						
Diesel Range Organics (DRO)	2600	99		mg/Kg	10	11/5/2020 12:43:43 PM	56195						
Motor Oil Range Organics (MRO)	1600	490		mg/Kg	10	11/5/2020 12:43:43 PM	56195						
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 12:43:43 PM	56195						
EPA METHOD 8015D: GASOLINE RAN	IGE					Analyst	NSB						
Gasoline Range Organics (GRO)	350	100		mg/Kg	20	11/7/2020 4:34:37 PM	56185						
Surr: BFB	178	75.3-105	S	%Rec	20	11/7/2020 4:34:37 PM	56185						
EPA METHOD 8021B: VOLATILES						Analyst:	NSB						
Benzene	0.53	0.50		mg/Kg	20	11/7/2020 4:34:37 PM	56185						

Benzene	0.53	0.50	mg/Kg	20	11/7/2020 4:34:37 PM
Toluene	7.7	1.0	mg/Kg	20	11/7/2020 4:34:37 PM
Ethylbenzene	8.8	1.0	mg/Kg	20	11/7/2020 4:34:37 PM
Xylenes, Total	13	2.0	mg/Kg	20	11/7/2020 4:34:37 PM
Surr: 4-Bromofluorobenzene	108	80-120	%Rec	20	11/7/2020 4:34:37 PM

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

Qualifiers:

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

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

Page 4 of 13

56185

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Hall Environmental	Analysis	Laboratory,	Inc.
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Lab Order 2011064

Date Reported: 11/11/2020

CLIENT: EOG		Cl	ient Sa	ample I	D: 2C2-30'
Project: Jackson B 57		(Collect	tion Dat	te: 10/26/2020 3:06:00 PM
Lab ID: 2011064-005	Matrix: SOIL		Recei	ved Dat	te: 11/3/2020 8:00:00 AM
Analyses	Result	RL	Qual	Units	DF Date Analyzed Batc
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	6400	300		mg/Kg	100 11/10/2020 8:44:14 AM 5630
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	5500	100		mg/Kg	10 11/5/2020 1:07:29 PM 5619
Motor Oil Range Organics (MRO)	2700	500		mg/Kg	10 11/5/2020 1:07:29 PM 5619
Surr: DNOP	0	30.4-154	S	%Rec	10 11/5/2020 1:07:29 PM 5619
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: RAA
Gasoline Range Organics (GRO)	2300	480		mg/Kg	100 11/6/2020 1:21:38 PM 5618
Surr: BFB	163	75.3-105	S	%Rec	100 11/6/2020 1:21:38 PM 5618
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	18	2.4		mg/Kg	100 11/6/2020 1:21:38 PM 5618
Toluene	140	4.8		mg/Kg	100 11/6/2020 1:21:38 PM 5618
Ethylbenzene	92	4.8		mg/Kg	100 11/6/2020 1:21:38 PM 5618
Xylenes, Total	94	9.7		mg/Kg	100 11/6/2020 1:21:38 PM 5618
Surr: 4-Bromofluorobenzene	113	80-120		%Rec	100 11/6/2020 1:21:38 PM 5618

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

Qualifiers:

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

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

Page 5 of 13

Lab Order 2011064 Date Reported: 11/11/2020

CLIENT: EOG				ample II			
Project: Jackson B 57 Lab ID: 2011064-006	Matrix: SOIL	(26/2020 3:21:00 PM 3/2020 8:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	13000	590		mg/Kg	200	11/10/2020 8:56:38 AM	56309
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	BRM
Diesel Range Organics (DRO)	960	97		mg/Kg	10	11/5/2020 1:31:18 PM	56195
Motor Oil Range Organics (MRO)	720	480		mg/Kg	10	11/5/2020 1:31:18 PM	56195
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 1:31:18 PM	56195
EPA METHOD 8015D: GASOLINE RANG	E					Analyst	RAA
Gasoline Range Organics (GRO)	310	50		mg/Kg	10	11/6/2020 4:29:34 PM	56185
Surr: BFB	232	75.3-105	S	%Rec	10	11/6/2020 4:29:34 PM	56185
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	0.74	0.25		mg/Kg	10	11/6/2020 4:29:34 PM	56185
Toluene	13	0.50		mg/Kg	10	11/6/2020 4:29:34 PM	56185
Ethylbenzene	13	0.50		mg/Kg	10	11/6/2020 4:29:34 PM	56185
Xylenes, Total	14	0.99		mg/Kg	10	11/6/2020 4:29:34 PM	56185
Surr: 4-Bromofluorobenzene	121	80-120	S	%Rec	10	11/6/2020 4:29:34 PM	56185

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

Qualifiers:

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

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

Page 6 of 13

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011064

Date Reported: 11/11/2020

CLIENT: EOG				ample II			
Project: Jackson B 57		(Collec	tion Dat	e: 10/2	26/2020 3:34:00 PM	
Lab ID: 2011064-007	Matrix: SOIL		Rece	ived Dat	e:11/.	3/2020 8:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	15000	600		mg/Kg	200	11/10/2020 9:09:03 AM	56309
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	BRM
Diesel Range Organics (DRO)	2100	99		mg/Kg	10	11/5/2020 1:55:07 PM	56195
Motor Oil Range Organics (MRO)	1100	500		mg/Kg	10	11/5/2020 1:55:07 PM	56195
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 1:55:07 PM	56195
EPA METHOD 8015D: GASOLINE RANGE	E					Analyst	RAA
Gasoline Range Organics (GRO)	820	97		mg/Kg	20	11/6/2020 4:53:12 PM	56185
Surr: BFB	233	75.3-105	S	%Rec	20	11/6/2020 4:53:12 PM	56185
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	7.8	0.48		mg/Kg	20	11/6/2020 4:53:12 PM	56185
Toluene	47	0.97		mg/Kg	20	11/6/2020 4:53:12 PM	56185
Ethylbenzene	35	0.97		mg/Kg	20	11/6/2020 4:53:12 PM	56185
Xylenes, Total	35	1.9		mg/Kg	20	11/6/2020 4:53:12 PM	56185
Surr: 4-Bromofluorobenzene	124	80-120	S	%Rec	20	11/6/2020 4:53:12 PM	56185

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

Qualifiers:

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

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

Page 7 of 13

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011064 Date Reported: 11/11/2020

CLIENT:	EOG		Cl	ient Sample II	D: 2C	22-50'	
Project:	Jackson B 57		(Collection Dat	e: 10,	/26/2020 4:10:00 PM	
Lab ID:	2011064-008	Matrix: SOIL		Received Dat	e: 11,	/3/2020 8:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: VP
Chloride		ND	60	mg/Kg	20	11/9/2020 6:07:15 PM	56309
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	BRM
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	11/5/2020 2:18:55 PM	56195
Motor Oi	l Range Organics (MRO)	ND	49	mg/Kg	1	11/5/2020 2:18:55 PM	56195
Surr: I	DNOP	96.8	30.4-154	%Rec	1	11/5/2020 2:18:55 PM	56195
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	RAA
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	11/6/2020 5:16:48 PM	56185
Surr: I	BFB	92.6	75.3-105	%Rec	1	11/6/2020 5:16:48 PM	56185
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA
Benzene)	ND	0.025	mg/Kg	1	11/6/2020 5:16:48 PM	56185
Toluene		ND	0.050	mg/Kg	1	11/6/2020 5:16:48 PM	56185
Ethylben	izene	ND	0.050	mg/Kg	1	11/6/2020 5:16:48 PM	56185
Xylenes,	Total	ND	0.10	mg/Kg	1	11/6/2020 5:16:48 PM	56185
Surr: 4	4-Bromofluorobenzene	98.6	80-120	%Rec	1	11/6/2020 5:16:48 PM	56185

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

Qualifiers:

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

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

Page 8 of 13

·	ironmental Analysis Laboratory, Inc.	WO#: 2011064 11-Nov-20
Client:	EOG	
Project:	Jackson B 57	

Sample ID: MB-56309	SampType:	MBLK	Tes	tCode: EP	PA Method	300.0: Anion	S		
Client ID: PBS	Batch ID:	56309	F	RunNo: 73	3227				
Prep Date: 11/9/2020	Analysis Date:	11/9/2020	5	SeqNo: 25	576709	Units: mg/K	g		
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5							
Sample ID: LCS-56309	SampType:	LCS	Tes	tCode: EP	PA Method	300.0: Anion	S		
Sample ID: LCS-56309 Client ID: LCSS	SampType: Batch ID:			tCode: EP RunNo: 73		300.0: Anion	S		
•		56309	F		3227	300.0: Anion Units: mg/K	-		
Client ID: LCSS	Batch ID:	56309 11/9/2020	F	RunNo: 73	3227		-	RPDLimit	Qual

Qualifiers:

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

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

Page 9 of 13

Released to Imaging: 3/22/2024 8:59:38 AM

2011064

WO#:

Hall Envi	ironme	ntal Analysis Laborator	y, Inc.	11-Nov-20
Client: Project:	EOG Jackso	on B 57		
Sample ID: MI	B-56195	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics	
Client ID: PE	BS	Batch ID: 56195	RunNo: 73122	
Prep Date: 1	1/4/2020	Analysis Date: 11/5/2020	SeqNo: 2573228 Units: mg/Kg	

•					•		0	•		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.4	30.4	154			
Sample ID: LCS-56195	Samp	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batc	h ID: 56	195	F	RunNo: 7	3122				
Prep Date: 11/4/2020	Analysis E	Date: 11	1/5/2020	S	SeqNo: 2	573229	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.4	70	130			
Surr: DNOP	4.4		5.000		87.7	30.4	154			

Qualifiers:

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

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

Page 10 of 13

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Released to Imaging: 3/22/2024 8:59:38 AM

EOG

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Project: Jackson	B 57						
Sample ID: Ics-56185	SampType: LCS	Ţ	estCode: EPA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch ID: 56185		RunNo: 73179				
Prep Date: 11/3/2020	Analysis Date: 11/6/202	0	SeqNo: 2574317	Units: mg/K	g		
Analyte	Result PQL SPK	value SPK Ref Va	al %REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		25.00 0	88.6 72.5	ů.			
Surr: BFB	1100	1000	108 75.3	105			S
Sample ID: mb-56185	SampType: MBLK	Т	estCode: EPA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch ID: 56185		RunNo: 73179				
Prep Date: 11/3/2020	Analysis Date: 11/6/202	:0	SeqNo: 2574320	Units: mg/K	g		
Analyte	Result PQL SPK	value SPK Ref Va	al %REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND 5.0						
Surr: BFB	970	1000	97.5 75.3	105			
Sample ID: mb-56250	SampType: MBLK	т	estCode: EPA Method	l 8015D: Gaso	line Rang	е	
	1 21				J		
Client ID: PBS	Batch ID: 56250		RunNo: 73203		5		
Client ID: PBS Prep Date: 11/6/2020	Batch ID: 56250 Analysis Date: 11/7/202	0		Units: %Rec	0		
_	Analysis Date: 11/7/202	0 value SPK Ref Vi	RunNo: 73203 SeqNo: 2574783		0	RPDLimit	Qual
Prep Date: 11/6/2020	Analysis Date: 11/7/202		RunNo: 73203 SeqNo: 2574783	HighLimit	;		Qual
Prep Date: 11/6/2020 Analyte	Analysis Date: 11/7/202 Result PQL SPK	value SPK Ref Va 1000	RunNo: 73203 SeqNo: 2574783 al %REC LowLimit	HighLimit 105	s %RPD	RPDLimit	Qual
Prep Date: 11/6/2020 Analyte Surr: BFB	Analysis Date: 11/7/202 Result PQL SPK 950	value SPK Ref Va 1000	RunNo: 73203 SeqNo: 2574783 al %REC LowLimit 94.6 75.3	HighLimit 105	s %RPD	RPDLimit	Qual
Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56250	Analysis Date: 11/7/202 Result PQL SPK 950 SampType: LCS	value SPK Ref Va 1000 T	RunNo: 73203 SeqNo: 2574783 al %REC LowLimit 94.6 75.3 estCode: EPA Method	HighLimit 105	%RPD	RPDLimit	Qual
Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56250 Client ID: LCSS	Analysis Date: 11/7/202 Result PQL SPK 950 SampType: LCS Batch ID: 56250 Analysis Date: 11/7/202	value SPK Ref Va 1000 T	RunNo: 73203 SeqNo: 2574783 al <u>%REC</u> LowLimit 94.6 75.3 estCode: EPA Method RunNo: 73203 SeqNo: 2574784	HighLimit 105 I 8015D: Gaso Units: %Rec	%RPD	RPDLimit	Qual
Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56250 Client ID: LCSS Prep Date: 11/6/2020	Analysis Date: 11/7/202 Result PQL SPK 950 SampType: LCS Batch ID: 56250 Analysis Date: 11/7/202	value SPK Ref V 1000 T	RunNo: 73203 SeqNo: 2574783 al <u>%REC</u> LowLimit 94.6 75.3 estCode: EPA Method RunNo: 73203 SeqNo: 2574784	HighLimit 105 I 8015D: Gaso Units: %Rec HighLimit	%RPD	RPDLimit e	
Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56250 Client ID: LCSS Prep Date: 11/6/2020 Analyte	Analysis Date: 11/7/202 Result PQL SPK 950 SampType: LCS Batch ID: 56250 Analysis Date: 11/7/202 Result PQL SPK	value SPK Ref Va 1000 T 70 value SPK Ref Va 1000	RunNo: 73203 SeqNo: 2574783 al <u>%REC LowLimit</u> 94.6 75.3 estCode: EPA Method RunNo: 73203 SeqNo: 2574784 al %REC LowLimit	HighLimit 105 I 8015D: Gaso Units: %Rec HighLimit 105	s %RPD line Rang %RPD	RPDLimit e RPDLimit	
Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56250 Client ID: LCSS Prep Date: 11/6/2020 Analyte Surr: BFB	Analysis Date: 11/7/202 Result PQL SPK 950 SampType: LCS Batch ID: 56250 Analysis Date: 11/7/202 Result PQL SPK 1000	value SPK Ref Va 1000 T 70 value SPK Ref Va 1000	RunNo: 73203 SeqNo: 2574783 al %REC LowLimit 94.6 75.3 estCode: EPA Method RunNo: 73203 SeqNo: 2574784 al %REC LowLimit 103 75.3	HighLimit 105 I 8015D: Gaso Units: %Rec HighLimit 105	s %RPD line Rang %RPD	RPDLimit e RPDLimit	
Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56250 Client ID: LCSS Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: mb-56254	Analysis Date: 11/7/202 Result PQL SPK 950 SampType: LCS Batch ID: 56250 Analysis Date: 11/7/202 Result PQL SPK 1000 SampType: MBLK	value SPK Ref V 1000 T value SPK Ref V 1000 T	RunNo: 73203 SeqNo: 2574783 al %REC LowLimit 94.6 75.3 estCode: EPA Method RunNo: 73203 SeqNo: 2574784 al %REC LowLimit 103 75.3 estCode: EPA Method	HighLimit 105 I 8015D: Gaso Units: %Rec HighLimit 105	%RPD line Rang %RPD line Rang	RPDLimit e RPDLimit	

Surr: BFB 1000 75.3 105 940 94.1 SampType: LCS Sample ID: Ics-56254 TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 56254 RunNo: 73203 Prep Date: 11/6/2020 Analysis Date: 11/8/2020 SeqNo: 2574808 Units: %Rec %RPD Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPDLimit Qual Surr: BFB 1000 1000 102 75.3 105

SPK value SPK Ref Val

Qualifiers:

Analyte

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

Result

PQL

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

%REC

LowLimit

HighLimit

%RPD

RPDLimit

Qual

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

Page 11 of 13

WO#: 2011064 11-Nov-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

2011064	WO#:
11-Nov-20	

Client: EOC Project: Jack	a son B 57									
-										
Sample ID: LCS-56185	•	Гуре: LC		TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 561	185	F	RunNo: 73	3179				
Prep Date: 11/3/2020	Analysis [Date: 11	/6/2020	S	SeqNo: 2	574369	Units: mg/Kg	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	80	120			
Toluene	0.98	0.050	1.000	0	98.3	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.9	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.1	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			
Sample ID: mb-56185 SampType: MBLK TestCode: EPA Method 8021B: Volatiles										
Client ID: PBS	Batc	h ID: 561	185	F	RunNo: 73	3179				
Prep Date: 11/3/2020	Analysis [Date: 11	/6/2020	S	SeqNo: 2	574372	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025					0			
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			
Sample ID: mb-56250	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: 562	250	F	RunNo: 73	3203				
Prep Date: 11/6/2020	Analysis [Date: 11	/7/2020	5	SeqNo: 25	574958	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			
Sample ID: LCS-56250	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: 562	250	F	RunNo: 73	3203				
Prep Date: 11/6/2020	Analysis [Date: 11	/7/2020	S	SeqNo: 2	574959	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			
Sample ID: mb-56254	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: 562	254	F	RunNo: 7 3	3203				
Prep Date: 11/6/2020	Analysis [Date: 11	/8/2020	S	SeqNo: 2	574982	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		99.2	80	120			

Qualifiers:

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

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

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

Page 12 of 13

2011064 11-Nov-20

WO#:

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

	EOG Jackson B 57									
Sample ID: LCS-562	254 Samp	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Bat	ch ID: 56	254	F	unNo: 73	3203				
Prep Date: 11/6/20	Analysis	Date: 1	1/8/2020	S	eqNo: 2	574983	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluoroben	zene 0.99		1.000		99.0	80	120			

Qualifiers:

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

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

Page 13 of 13

Released to Imaging: 3/22/2024 8:59:38 AM

ived by OCD: 11/1/2023 4:: HALL ENVIRONMENTA ANALYSIS LABORATORY		TEL	Environmer : 505-345-3 bsite: client	490 Albuquerq 975 FAX:	l Hawi ue, NM 505-34	kins NE 187109 Se 15-4107	imple Log-	Page 19
Client Name: EOG		Work	Order Numl	ber: 2014	064		R	cptNo: 1
Received By: Emily Mod	cho	11/3/202	0 8:00:00	٨M				
Completed By: Emily Mod	cho	11/3/202	0 9:17:01	٨M				
Reviewed By: DAD I	1/3/20							
Chain of Custody								
1. Is Chain of Custody compl	lete?			Yes	\checkmark	No 🗌	Not Presen	t 🗌
2. How was the sample delive	ered?							
Log In 3. Was an attempt made to c	ool the samples?			Yes	✓	No 🗌	NA	
4. Were all samples received	at a temperature of	of >0°C to	o 6.0°C	Yes	✓	No	NA	
5. Sample(s) in proper contai	ner(s)?			Yes	✓	No		
6. Sufficient sample volume for	or indicated test(s)	?		Yes	✓	No 🗌		
7. Are samples (except VOA a	and ONG) properly	preserve	d?	Yes	\checkmark	No 🗌		
8. Was preservative added to	bottles?			Yes		No 🔽	NA	
9. Received at least 1 vial with	n headspace <1/4"	for AQ V	DA?	Yes		No 🗌	NA	
10. Were any sample containe	ers received broker	1?		Yes		No 🗸	# of preserved bottles checke	
11. Does paperwork match bot (Note discrepancies on cha				Yes	v	No 🗌	for pH:	(<2 or >12 unless noted)
12. Are matrices correctly ident	tified on Chain of C	Custody?		Yes	\checkmark	No 🗌	Adjusted	d?
13. Is it clear what analyses we	ere requested?			Yes	\checkmark	No 🗌		EN INLINDA
14. Were all holding times able (If no, notify customer for a				Yes	~	No 🗌	Checked	by: ENH W3/2
<u>Special Handling (if app</u>	licable)							
15. Was client notified of all di	screpancies with th	his order?		Yes		No	NA	
Person Notified:		Antonina (Canada) (Canada)	Date:	-	Ch. Consideration		ar.	
By Whom:			Via:	eMa	ail 🗌] Phone 🗌 Fa	ix 🗌 In Person	
Regarding: Client Instructions:				to desir deter de lato				denne e
16. Additional remarks:								
17. <u>Cooler Information</u> Cooler No Temp °C		al Intact	Seal No	Seal D	ate	Signed By		
1 2.4	Good Yes							

Page 1 of 1



November 11, 2020 Chase Settle EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Jackson B 57

OrderNo.: 2011061

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 14 sample(s) on 11/3/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061

Date Reported: 11/11/2020

CLIENT: EOG	Client Sample ID: 1C2-10'								
Project: Jackson B 57	Collection Date: 10/26/2020 9:07:00 AM								
Lab ID: 2011061-001	Matrix: SOIL		Rece	ived Dat	e:11/	/3/2020 8:00:00 AM			
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst	VP		
Chloride	2800	150		mg/Kg	50	11/10/2020 9:21:27 AM	56258		
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	BRM		
Diesel Range Organics (DRO)	3800	96		mg/Kg	10	11/4/2020 10:00:07 PM	56183		
Motor Oil Range Organics (MRO)	1800	480		mg/Kg	10	11/4/2020 10:00:07 PM	56183		
Surr: DNOP	0	30.4-154	S	%Rec	10	11/4/2020 10:00:07 PM	56183		
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	NSB		
Gasoline Range Organics (GRO)	1800	97		mg/Kg	20	11/6/2020 12:04:53 AM	56177		
Surr: BFB	343	75.3-105	S	%Rec	20	11/6/2020 12:04:53 AM	56177		
EPA METHOD 8021B: VOLATILES						Analyst	NSB		
Benzene	20	0.48		mg/Kg	20	11/6/2020 12:04:53 AM	56177		
Toluene	110	4.8		mg/Kg	100) 11/6/2020 9:27:29 AM	56177		
Ethylbenzene	74	0.97		mg/Kg	20	11/6/2020 12:04:53 AM	56177		
Xylenes, Total	72	1.9		mg/Kg	20	11/6/2020 12:04:53 AM	56177		
Surr: 4-Bromofluorobenzene	143	80-120	S	%Rec	20	11/6/2020 12:04:53 AM	56177		

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

Qualifiers:

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

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

Page 1 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061

Date Reported: 11/11/2020

CLIENT: EOG	Client Sample ID: 1C2-15'									
Project: Jackson B 57	Collection Date: 10/26/2020 9:16:00 AM									
Lab ID: 2011061-002	Matrix: SOIL		Recei	ved Dat	e:11	/3/2020 8:00:00 AM				
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst:	VP			
Chloride	2300	60		mg/Kg	20	11/6/2020 4:05:35 PM	56258			
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst:	BRM			
Diesel Range Organics (DRO)	7000	96		mg/Kg	10	11/4/2020 10:23:55 PM	56183			
Motor Oil Range Organics (MRO)	3300	480		mg/Kg	10	11/4/2020 10:23:55 PM	56183			
Surr: DNOP	0	30.4-154	S	%Rec	10	11/4/2020 10:23:55 PM	56183			
EPA METHOD 8015D: GASOLINE RANG	GE					Analyst:	NSB			
Gasoline Range Organics (GRO)	2800	240		mg/Kg	50	11/6/2020 12:28:23 AM	56177			
Surr: BFB	252	75.3-105	S	%Rec	50	11/6/2020 12:28:23 AM	56177			
EPA METHOD 8021B: VOLATILES						Analyst:	NSB			
Benzene	30	1.2		mg/Kg	50	11/6/2020 12:28:23 AM	56177			
Toluene	210	2.4		mg/Kg	50	11/6/2020 12:28:23 AM	56177			
Ethylbenzene	150	2.4		mg/Kg	50	11/6/2020 12:28:23 AM	56177			
Xylenes, Total	140	4.9		mg/Kg	50	11/6/2020 12:28:23 AM	56177			
Surr: 4-Bromofluorobenzene	133	80-120	S	%Rec	50	11/6/2020 12:28:23 AM	56177			

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

Qualifiers:

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

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

Page 2 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061

Date Reported: 11/11/2020

CLIENT: EOG	Client Sample ID: 1C2-20' Collection Date: 10/26/2020 9:29:00 AM								
Project: Jackson B 57									
Lab ID: 2011061-003	Matrix: SOIL		Recei	ved Dat	e: 11/	/3/2020 8:00:00 AM			
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS						Analyst:	VP		
Chloride	840	60		mg/Kg	20	11/6/2020 4:18:00 PM	56258		
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst:	BRM		
Diesel Range Organics (DRO)	6500	960		mg/Kg	100) 11/4/2020 10:47:38 PM	56183		
Motor Oil Range Organics (MRO)	5900	4800		mg/Kg	100) 11/4/2020 10:47:38 PM	56183		
Surr: DNOP	0	30.4-154	S	%Rec	100) 11/4/2020 10:47:38 PM	56183		
EPA METHOD 8015D: GASOLINE RANG	GE					Analyst:	NSB		
Gasoline Range Organics (GRO)	2200	250		mg/Kg	50	11/6/2020 12:51:44 AM	56177		
Surr: BFB	239	75.3-105	S	%Rec	50	11/6/2020 12:51:44 AM	56177		
EPA METHOD 8021B: VOLATILES						Analyst:	NSB		
Benzene	9.0	1.2		mg/Kg	50	11/6/2020 12:51:44 AM	56177		
Toluene	89	2.5		mg/Kg	50	11/6/2020 12:51:44 AM	56177		
Ethylbenzene	63	2.5		mg/Kg	50	11/6/2020 12:51:44 AM	56177		
Xylenes, Total	100	5.0		mg/Kg	50	11/6/2020 12:51:44 AM	56177		
Surr: 4-Bromofluorobenzene	119	80-120		%Rec	50	11/6/2020 12:51:44 AM	56177		

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

Qualifiers:

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

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

Page 3 of 22

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8015D: GASOLINE RANGE

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

EPA METHOD 8021B: VOLATILES

Analytical Report

Analyst: NSB

Analyst: NSB

56177

56177

56177

56177

56177

56177

56177

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061 Date Reported: 11/11/2020

50 11/6/2020 1:15:09 AM

	· · ·							
CLIENT: EOG		Cli	ient S	ample I	D: 1C	22-25'		
Project: Jackson B 57		Collection Date: 10/26/2020 9:48:00 AM						
Lab ID: 2011061-004	Matrix: SOIL		Recei	ived Dat	e:11	/3/2020 8:00:00 AM		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	VP	
Chloride	3200	150		mg/Kg	50	11/10/2020 9:33:52 AM	56258	
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analyst	BRM	
Diesel Range Organics (DRO)	8100	490		mg/Kg	50	11/5/2020 4:09:24 PM	56183	
Motor Oil Range Organics (MRO)	4300	2400		mg/Kg	50	11/5/2020 4:09:24 PM	56183	
Surr: DNOP	0	30.4-154	S	%Rec	50	11/5/2020 4:09:24 PM	56183	

240

1.2

2.4

2.4

4.9

80-120

S

75.3-105

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

50

50

50

50

50

50

1100

175

4.4

45

39

55

110

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

Qualifiers:

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

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

Page 4 of 22

CLIENT: EOG

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061 Date Reported: 11/11/2020

Client Sample ID: 1C2-30'	

Project: Jackson B 57		(Collect	ion Dat	e: 10/	/26/2020 10:01:00 AM		
Lab ID: 2011061-005	Matrix: SOIL	Received Date: 11/3/2020 8:00:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	VP	
Chloride	2300	150		mg/Kg	50	11/10/2020 9:46:16 AM	56258	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	BRM	
Diesel Range Organics (DRO)	7600	95		mg/Kg	10	11/4/2020 11:35:05 PM	56183	
Motor Oil Range Organics (MRO)	3500	480		mg/Kg	10	11/4/2020 11:35:05 PM	56183	
Surr: DNOP	0	30.4-154	S	%Rec	10	11/4/2020 11:35:05 PM	56183	
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	NSB	
Gasoline Range Organics (GRO)	3900	240		mg/Kg	50	11/6/2020 1:38:30 AM	56177	
Surr: BFB	272	75.3-105	S	%Rec	50	11/6/2020 1:38:30 AM	56177	
EPA METHOD 8021B: VOLATILES						Analyst	NSB	
Benzene	95	1.2		mg/Kg	50	11/6/2020 1:38:30 AM	56177	
Toluene	310	9.8		mg/Kg	200) 11/6/2020 9:50:46 AM	56177	
Ethylbenzene	160	2.4		mg/Kg	50	11/6/2020 1:38:30 AM	56177	
Xylenes, Total	160	4.9		mg/Kg	50	11/6/2020 1:38:30 AM	56177	
Surr: 4-Bromofluorobenzene	135	80-120	S	%Rec	50	11/6/2020 1:38:30 AM	56177	

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

Qualifiers:

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

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

Page 5 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061

Date Reported: 11/11/2020

CLIENT: EOG	Client Sample ID: 1C2-35' Collection Date: 10/26/2020 10:10:00 AM								
Project: Jackson B 57									
Lab ID: 2011061-006	Matrix: SOIL		te: 11/3/2020 8:00:00 AM						
Analyses	Result	RL	Qual	Units	DF Date Analyzed Batch				
EPA METHOD 300.0: ANIONS					Analyst: VP				
Chloride	3100	150		mg/Kg	50 11/10/2020 9:58:41 AM 56258				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM				
Diesel Range Organics (DRO)	11000	970		mg/Kg	100 11/4/2020 11:58:44 PM 56183				
Motor Oil Range Organics (MRO)	8000	4900		mg/Kg	100 11/4/2020 11:58:44 PM 56183				
Surr: DNOP	0	30.4-154	S	%Rec	100 11/4/2020 11:58:44 PM 56183				
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: NSB				
Gasoline Range Organics (GRO)	5100	240		mg/Kg	50 11/6/2020 2:01:58 AM 56177				
Surr: BFB	325	75.3-105	S	%Rec	50 11/6/2020 2:01:58 AM 56177				
EPA METHOD 8021B: VOLATILES					Analyst: NSB				
Benzene	130	1.2		mg/Kg	50 11/6/2020 2:01:58 AM 56177				
Toluene	450	9.6		mg/Kg	200 11/6/2020 10:14:15 AM 56177				
Ethylbenzene	230	2.4		mg/Kg	50 11/6/2020 2:01:58 AM 56177				
Xylenes, Total	210	4.8		mg/Kg	50 11/6/2020 2:01:58 AM 56177				
Surr: 4-Bromofluorobenzene	148	80-120	S	%Rec	50 11/6/2020 2:01:58 AM 56177				

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

Qualifiers:

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

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

Page 6 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061

Date Reported: 1	1/11/2020
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CLIENT: EOG Project: Jackson B 57	Client Sample ID: 1C2-40'						л
Project: Jackson B 57 Lab ID: 2011061-007	Collection Date: 10/26/2020 10:32:00 AM Matrix: SOIL Received Date: 11/3/2020 8:00:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: VP
Chloride	1500	60		mg/Kg	20	11/6/2020 5:07:38 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analys	t: BRM
Diesel Range Organics (DRO)	8000	910		mg/Kg	100) 11/5/2020 12:22:27 AN	1 56183
Motor Oil Range Organics (MRO)	4700	4600		mg/Kg	100) 11/5/2020 12:22:27 AN	1 56183
Surr: DNOP	0	30.4-154	S	%Rec	100) 11/5/2020 12:22:27 AN	1 56183
EPA METHOD 8015D: GASOLINE RANG	E					Analys	t: NSB
Gasoline Range Organics (GRO)	3800	250		mg/Kg	50	11/6/2020 2:25:19 AM	56177
Surr: BFB	296	75.3-105	S	%Rec	50	11/6/2020 2:25:19 AM	56177
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	64	1.2		mg/Kg	50	11/6/2020 2:25:19 AM	56177
Toluene	260	9.8		mg/Kg	200) 11/6/2020 10:37:37 AN	1 56177
Ethylbenzene	160	2.5		mg/Kg	50	11/6/2020 2:25:19 AM	56177
Xylenes, Total	160	4.9		mg/Kg	50	11/6/2020 2:25:19 AM	56177
Surr: 4-Bromofluorobenzene	137	80-120	S	%Rec	50	11/6/2020 2:25:19 AM	56177

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

Qualifiers:

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

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

Page 7 of 22

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

56177

56177

56177

56177

56177

56177

Analyst: NSB

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061 Date Reported: 11/11/2020

11/6/2020 2:48:44 AM

10 11/6/2020 2:48:44 AM

	Ŭ,						
CLIENT: EOG	Client Sample ID: 1C2-45'						
Project: Jackson B 57		(Collec	tion Dat	e: 10/	/26/2020 10:54:00 AN	1
Lab ID: 2011061-008	Matrix: SOIL Received Date: 11/3/2020 8:00:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: JMT
Chloride	ND	60		mg/Kg	20	11/9/2020 11:07:39 AN	1 56296
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analys	t: BRM
Diesel Range Organics (DRO)	1300	91		mg/Kg	10	11/5/2020 12:46:06 AN	1 56183
Motor Oil Range Organics (MRO)	650	460		mg/Kg	10	11/5/2020 12:46:06 AN	1 56183
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 12:46:06 AN	1 56183
EPA METHOD 8015D: GASOLINE RANG	E					Analys	t: NSB
Gasoline Range Organics (GRO)	790	48		mg/Kg	10	11/6/2020 2:48:44 AM	56177

75.3-105

0.24

0.48

0.48

0.96

80-120

S

S

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

10

10

10

10

10

359

8.0

48

36

36

143

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

Qualifiers:

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

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

Page 8 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061 Date Reported: 11/11/2020

CLIENT:	EOG	Client Sample ID: 1C2-50'							
Project:	Jackson B 57	Collection Date: 10/26/2020 11:15:00 AM							
Lab ID:	2011061-009	Matrix: SOIL Received Date: 11/3/2020 8:00:00 AM							
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS						Analyst	: JMT	
Chloride		ND	60		mg/Kg	20	11/9/2020 11:20:03 AN	56296	
EPA MET	HOD 8015D MOD: GASO	LINE RANGE					Analyst	DJF	
Gasoline	Range Organics (GRO)	1100	50		mg/Kg	10	11/5/2020 10:19:54 PN	56182	
Surr: E	BFB	106	70-130		%Rec	10	11/5/2020 10:19:54 PN	56182	
EPA MET	HOD 8015M/D: DIESEL R	ANGE ORGANICS					Analyst	BRM	
Diesel Ra	ange Organics (DRO)	1600	95		mg/Kg	10	11/5/2020 1:56:53 AM	56188	
Motor Oil	Range Organics (MRO)	680	470		mg/Kg	10	11/5/2020 1:56:53 AM	56188	
Surr: D	DNOP	0	30.4-154	S	%Rec	10	11/5/2020 1:56:53 AM	56188	
EPA MET	HOD 8260B: VOLATILES	SHORT LIST					Analyst	DJF	
Benzene		7.8	0.25		mg/Kg	10	11/5/2020 10:19:54 PN	56182	
Toluene		52	5.0		mg/Kg	100) 11/6/2020 1:55:34 PM	56182	
Ethylben	zene	33	0.50		mg/Kg	10	11/5/2020 10:19:54 PN	56182	
Xylenes,	Total	40	0.99		mg/Kg	10	11/5/2020 10:19:54 PM	56182	
Surr: 1	,2-Dichloroethane-d4	88.6	70-130		%Rec	10	11/5/2020 10:19:54 PM	56182	
Surr: 4	I-Bromofluorobenzene	115	70-130		%Rec	10	11/5/2020 10:19:54 PN	56182	
Surr: D	Dibromofluoromethane	91.6	70-130		%Rec	10	11/5/2020 10:19:54 PN	56182	
Surr: T	Toluene-d8	96.0	70-130		%Rec	10	11/5/2020 10:19:54 PN	56182	

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

Qualifiers:

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

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

Page 9 of 22

Analytical Report
Lab Order 2011061

Hall Environmental Analysis Laboratory, Inc.

Lab Order **2011061** Date Reported: **11/11/2020**

CLIENT :	: EOG	Client Sample ID: 1C2-55'						
Project:	Jackson B 57	Collection Date: 10/26/2020 11:35:00 AM						
Lab ID:	2011061-010	Matrix: SOIL	Matrix: SOIL Received Date: 11/3/2020 8:00:00 AM					
Analyses	3	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS						Analyst	: ЈМТ
Chloride	•	ND	60		mg/Kg	20	11/9/2020 11:32:27 AM	56296
EPA ME	THOD 8015D MOD: GASOL	INE RANGE					Analyst	DJF
Gasoline	e Range Organics (GRO)	1800	95		mg/Kg	20	11/5/2020 10:47:10 PM	56182
Surr:	BFB	93.5	70-130		%Rec	20	11/5/2020 10:47:10 PM	56182
EPA ME	THOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analyst	BRM
Diesel R	ange Organics (DRO)	3000	97		mg/Kg	10	11/5/2020 2:20:27 AM	56188
Motor O	il Range Organics (MRO)	1400	490		mg/Kg	10	11/5/2020 2:20:27 AM	56188
Surr:	DNOP	0	30.4-154	S	%Rec	10	11/5/2020 2:20:27 AM	56188
EPA ME	THOD 8260B: VOLATILES S	SHORT LIST					Analyst	DJF
Benzene	e	16	0.47		mg/Kg	20	11/5/2020 10:47:10 PM	56182
Toluene		80	0.95		mg/Kg	20	11/5/2020 10:47:10 PM	56182
Ethylber	nzene	54	0.95		mg/Kg	20	11/5/2020 10:47:10 PM	56182
Xylenes	, Total	58	1.9		mg/Kg	20	11/5/2020 10:47:10 PM	56182
Surr:	1,2-Dichloroethane-d4	90.1	70-130		%Rec	20	11/5/2020 10:47:10 PM	56182
Surr:	4-Bromofluorobenzene	110	70-130		%Rec	20	11/5/2020 10:47:10 PM	56182
Surr:	Dibromofluoromethane	90.0	70-130		%Rec	20	11/5/2020 10:47:10 PM	56182
Surr:	Toluene-d8	96.2	70-130		%Rec	20	11/5/2020 10:47:10 PM	56182

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

Qualifiers:

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

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

Page 10 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061 Date Reported: 11/11/2020

CLIENT: EOG				mple II				
Project: Jackson B 57		Collection Date: 10/26/2020 11:53:00 AM						
Lab ID: 2011061-011	Matrix: SOIL		Receiv	ed Dat	e: 11/	/3/2020 8:00:00 AM		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIC	ONS					Analyst:	ЈМТ	
Chloride	61	60		mg/Kg	20	11/9/2020 11:44:50 AM	56296	
EPA METHOD 8015D MOD	: GASOLINE RANGE					Analyst:	DJF	
Gasoline Range Organics (G	RO) 2100	100		mg/Kg	20	11/5/2020 11:14:24 PM	56182	
Surr: BFB	95.2	70-130		%Rec	20	11/5/2020 11:14:24 PM	56182	
EPA METHOD 8015M/D: D	IESEL RANGE ORGANICS					Analyst:	BRM	
Diesel Range Organics (DRC	2600	97		mg/Kg	10	11/5/2020 2:44:02 AM	56188	
Motor Oil Range Organics (N	IRO) 1300	480		mg/Kg	10	11/5/2020 2:44:02 AM	56188	
Surr: DNOP	0	30.4-154	S	%Rec	10	11/5/2020 2:44:02 AM	56188	
EPA METHOD 8260B: VOL	ATILES SHORT LIST					Analyst:	DJF	
Benzene	13	0.50		mg/Kg	20	11/5/2020 11:14:24 PM	56182	
Toluene	79	1.0		mg/Kg	20	11/5/2020 11:14:24 PM	56182	
Ethylbenzene	56	1.0		mg/Kg	20	11/5/2020 11:14:24 PM	56182	
Xylenes, Total	59	2.0		mg/Kg	20	11/5/2020 11:14:24 PM	56182	
Surr: 1,2-Dichloroethane-d	4 87.4	70-130		%Rec	20	11/5/2020 11:14:24 PM	56182	
Surr: 4-Bromofluorobenzer	ne 114	70-130		%Rec	20	11/5/2020 11:14:24 PM	56182	
Surr: Dibromofluorometha	ne 91.7	70-130		%Rec	20	11/5/2020 11:14:24 PM	56182	
Surr: Toluene-d8	98.1	70-130		%Rec	20	11/5/2020 11:14:24 PM	56182	

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

Qualifiers:

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

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

Page 11 of 22

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011061 Date Reported: 11/11/2020

CLIENT: EOG	Client Sample ID: 1C2-65'							
Project: Jackson B 57	Collection Date: 10/26/2020 12:26:00 PM							
Lab ID: 2011061-012	Matrix: SOIL Received Date: 11/3/2020 8:00:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ		
Chloride	ND	60	mg/Kg	20	11/9/2020 12:34:29 PM	56296		
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst	DJF		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/5/2020 11:41:39 PM	56182		
Surr: BFB	101	70-130	%Rec	1	11/5/2020 11:41:39 PM	56182		
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	BRM		
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/5/2020 3:07:34 AM	56188		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/5/2020 3:07:34 AM	56188		
Surr: DNOP	98.6	30.4-154	%Rec	1	11/5/2020 3:07:34 AM	56188		
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst	DJF		
Benzene	ND	0.025	mg/Kg	1	11/5/2020 11:41:39 PM	56182		
Toluene	ND	0.050	mg/Kg	1	11/5/2020 11:41:39 PM	56182		
Ethylbenzene	ND	0.050	mg/Kg	1	11/5/2020 11:41:39 PM	56182		
Xylenes, Total	ND	0.10	mg/Kg	1	11/5/2020 11:41:39 PM	56182		
Surr: 1,2-Dichloroethane-d4	95.0	70-130	%Rec	1	11/5/2020 11:41:39 PM	56182		
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	11/5/2020 11:41:39 PM	56182		
Surr: Dibromofluoromethane	97.0	70-130	%Rec	1	11/5/2020 11:41:39 PM	56182		
Surr: Toluene-d8	96.8	70-130	%Rec	1	11/5/2020 11:41:39 PM	56182		

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

Qualifiers:

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

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

Page 12 of 22

Surr: Toluene-d8

Analytical Report
Lab Order 2011061

Lab Order **2011061** Date Reported: **11/11/2020**

CLIENT: EOG	Client Sample ID: 1C2-70'						
Project: Jackson B 57	Collection Date: 10/26/2020 1:25:00 PM						
Lab ID: 2011061-013	Matrix: SOIL		Received Dat	e: 11	/3/2020 8:00:00 AM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: JMT	
Chloride	ND	60	mg/Kg	20	11/9/2020 12:46:53 PM	56296	
EPA METHOD 8015D MOD: GASOLI	NE RANGE				Analyst	DJF	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/6/2020 12:08:46 AM	56182	
Surr: BFB	101	70-130	%Rec	1	11/6/2020 12:08:46 AM	56182	
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	BRM	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	11/5/2020 3:54:45 AM	56188	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	11/5/2020 3:54:45 AM	56188	
Surr: DNOP	100	30.4-154	%Rec	1	11/5/2020 3:54:45 AM	56188	
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst	DJF	
Benzene	ND	0.023	mg/Kg	1	11/6/2020 12:08:46 AM	56182	
Toluene	ND	0.047	mg/Kg	1	11/6/2020 12:08:46 AM	56182	
Ethylbenzene	ND	0.047	mg/Kg	1	11/6/2020 12:08:46 AM	56182	
Xylenes, Total	ND	0.094	mg/Kg	1	11/6/2020 12:08:46 AM	56182	
Surr: 1,2-Dichloroethane-d4	93.3	70-130	%Rec	1	11/6/2020 12:08:46 AM	56182	
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	11/6/2020 12:08:46 AM	56182	
Surr: Dibromofluoromethane	96.8	70-130	%Rec	1	11/6/2020 12:08:46 AM	56182	

95.9

70-130

%Rec

1

11/6/2020 12:08:46 AM 56182

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

Qualifiers:

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

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

Page 13 of 22

Analytical Report
Lab Order 2011061

Hall Environmental	Analysis	Laboratory, I	nc.

Lab Order **2011061** Date Reported: **11/11/2020**

CLIENT: EOG	Client Sample ID: 1C2-75'							
Project: Jackson B 57	Collection Date: 10/26/2020 1:48:00 PM							
Lab ID: 2011061-014	Matrix: SOIL Received Date: 11/3/2020 8:00:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	JMT		
Chloride	ND	60	mg/Kg	20	11/9/2020 12:59:18 PM	56296		
EPA METHOD 8015D MOD: GASOLINE	RANGE				Analyst	DJF		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/6/2020 12:36:03 AM	56182		
Surr: BFB	102	70-130	%Rec	1	11/6/2020 12:36:03 AM	56182		
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	BRM		
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	11/5/2020 4:18:11 AM	56188		
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	11/5/2020 4:18:11 AM	56188		
Surr: DNOP	98.7	30.4-154	%Rec	1	11/5/2020 4:18:11 AM	56188		
EPA METHOD 8260B: VOLATILES SHO	ORT LIST				Analyst	DJF		
Benzene	ND	0.024	mg/Kg	1	11/6/2020 12:36:03 AM	56182		
Toluene	ND	0.048	mg/Kg	1	11/6/2020 12:36:03 AM	56182		
Ethylbenzene	ND	0.048	mg/Kg	1	11/6/2020 12:36:03 AM	56182		
Xylenes, Total	ND	0.096	mg/Kg	1	11/6/2020 12:36:03 AM	56182		
Surr: 1,2-Dichloroethane-d4	99.9	70-130	%Rec	1	11/6/2020 12:36:03 AM	56182		
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	11/6/2020 12:36:03 AM	56182		
Surr: Dibromofluoromethane	101	70-130	%Rec	1	11/6/2020 12:36:03 AM	56182		
Surr: Toluene-d8	94.4	70-130	%Rec	1	11/6/2020 12:36:03 AM	56182		

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

Qualifiers:

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

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

Page 14 of 22

	WO#:	2011061
Environmental Analysis Laboratory, Inc.		11-Nov-20

Client:	EOG										
Project:	Jackson	В 57									
Sample ID: MB-	-56258	Samp	Type: mb	olk	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID: PBS	S	Batc	h ID: 562	258	F	RunNo: 7 :	3173				
Prep Date: 11	/6/2020	Analysis E	Date: 11	/6/2020	5	SeqNo: 2	575833	Units: mg/K	g		
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: LCS	6-56258	Samp	Гуре: Ics	6	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID: LCS	SS	Batc	h ID: 562	258	F	RunNo: 7:	3173				
Prep Date: 11	/6/2020	Analysis [Date: 11	/6/2020	5	SeqNo: 2	575835	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	91.5	90	110			
Sample ID: MB-	-56296	Samp	Type: mb	olk	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID: PBS	S	Batc	h ID: 562	296	F	RunNo: 7	3210				
Prep Date: 11	/9/2020	Analysis E	Date: 11	/9/2020	S	SeqNo: 2	576392	Units: mg/K	g		
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: LCS	S-56296	Samp	Type: Ics	;	Tes	tCode: EF	PA Method	300.0: Anions	5		
Sample ID: LCS Client ID: LCS		•	Гуре: Ics h ID: 56 2			tCode: Ef RunNo: 7 :		300.0: Anions	5		
Client ID: LCS		•	h ID: 562	296	F		3210	300.0: Anions Units: mg/K			
Client ID: LCS	SS	Batc	h ID: 562	296 1/9/2020	F	RunNo: 7 : SeqNo: 2 :	3210			RPDLimit	Qual

Qualifiers:

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

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

Page 15 of 22

QC SUMMARY REPORT Hal

	WO#:	2011061	
all Environmental Analysis Laboratory, Inc.		11-Nov-20	

Client: EOG Project: Jackson	B 57	
Sample ID: MB-56183	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 56183	RunNo: 73122
Prep Date: 11/3/2020	Analysis Date: 11/4/2020	SeqNo: 2571825 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 11 10.00	115 30.4 154
Suit. Divoi	11 10.00	
Sample ID: LCS-56183	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 56183	RunNo: 73122
Prep Date: 11/3/2020	Analysis Date: 11/4/2020	SeqNo: 2571826 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	49 10 50.00	0 97.7 70 130
Surr: DNOP	5.1 5.000	101 30.4 154
Sample ID: MB-56188	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 56188	RunNo: 73122
Prep Date: 11/3/2020	Analysis Date: 11/5/2020	SeqNo: 2571859 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	12 10.00	119 30.4 154
Sample ID: LCS-56188	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 56188	RunNo: 73122
Prep Date: 11/3/2020	Analysis Date: 11/5/2020	SeqNo: 2571860 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	53 10 50.00	0 105 70 130
Surr: DNOP	5.6 5.000	112 30.4 154
Sample ID: LCS-56211	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 56211	RunNo: 73123
Prep Date: 11/4/2020	Analysis Date: 11/6/2020	SeqNo: 2573679 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	3.6 5.000	72.9 30.4 154

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 16 of 22

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в Analyte detected in the associated Method Blank
	WO#:	2011061
ll Environmental Analysis Laboratory, Inc.		11-Nov-20

Client:	EOG										
Project:	Jackson	B 57									
Sample ID:	/IB-56211	SampTy	vpe: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: F	PBS	Batch ID: 56211			RunNo: 73123						
Prep Date:	11/4/2020	Analysis Da	ate: 11	1/6/2020	S	eqNo: 2	573681	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		8.7		10.00		86.6	30.4	154			
Sample ID: L	-CS-56227	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID:	CSS	Batch ID: 56227			RunNo: 73123						
Prep Date:	11/5/2020	Analysis Da	ate: 11	1/6/2020	SeqNo: 2575306			Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		3.6		5.000		72.7	30.4	154			
Sample ID: N	/IB-56227	SampTy	vpe: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die:	sel Rang	e Organics	
Client ID: F	PBS	Batch	ID: 56	227	F	unNo: 73	3123				
Prep Date:	11/5/2020	Analysis Da	ate: 11	1/6/2020	S	eqNo: 2	575307	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		8.7		10.00		87.5	30.4	154			

Qualifiers:

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

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

Page 17 of 22

EOG

Client:

	WO#:	2011061
all Environmental Analysis Laboratory, Inc.		11-Nov-20
	-	

Project: Jackson	B 57									
Sample ID: mb-56177	SampT	ype: ME	BLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 56177			RunNo: 73150						
Prep Date: 11/3/2020	Analysis D	ate: 11	/5/2020	SeqNo: 2573162			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 890	5.0	1000		89.3	75.3	105			
Sample ID: Ics-56177	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	Batch	n ID: 561	177	F	RunNo: 7	3150				
Prep Date: 11/3/2020	Analysis D	ate: 11	/5/2020	S	SeqNo: 2	573163	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.2	72.5	106			
Surr: BFB	960		1000		96.4	75.3	105			

Qualifiers:

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

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

Page 18 of 22

Hall Env	WO#: 2011061 11-Nov-20		
Client:	EOG		
Project:	Jackson B 57		

Sample ID: mb-56177	Samp	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batc	Batch ID: 56177			RunNo: 73	8150				
Prep Date: 11/3/2020	Analysis E	Date: 11	/5/2020	S	SeqNo: 2573202			Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.2	80	120			
Sample ID: LCS-56177	Samp	Гуре: LC	S	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: LCCC	Data			RunNo: 73150						
Client ID: LCSS	Batc	h ID: 56 1	177	Г	1	5150				
Prep Date: 11/3/2020	Analysis E				SeqNo: 2		Units: mg/K	g		
			/5/2020				Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Prep Date: 11/3/2020 Analyte	Analysis D	Date: 11	/5/2020	S	SeqNo: 2	573203	•	•	RPDLimit	Qual
Prep Date: 11/3/2020 Analyte Benzene	Analysis I Result	Date: 11 PQL	/5/2020 SPK value	SPK Ref Val	SeqNo: 2	573203 LowLimit	HighLimit	•	RPDLimit	Qual
Prep Date: 11/3/2020 Analyte Benzene Toluene	Analysis E Result 0.90	Date: 11 PQL 0.025	/5/2020 SPK value 1.000	SPK Ref Val	SeqNo: 28 %REC 90.0	573203 LowLimit 80	HighLimit 120	•	RPDLimit	Qual
Prep Date: 11/3/2020	Analysis E Result 0.90 0.95	Date: 11 PQL 0.025 0.050	/5/2020 SPK value 1.000 1.000	SPK Ref Val 0 0	SeqNo: 28 %REC 90.0 95.4	573203 LowLimit 80 80	HighLimit 120 120	•	RPDLimit	Qual

Qualifiers:

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

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

Page 19 of 22

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2011061
	11-Nov-20

Analyte R Benzene Toluene	nalysis Da Result ND ND ND	ID: 56 1 ate: 11 <u>PQL</u> 0.025	182 /5/2020	F			8260B: Volati	es Short	List		
Prep Date: 11/3/2020 An Analyte R Benzene Toluene	nalysis Da Result ND ND ND	ate: 11 PQL 0.025	/5/2020		RunNo: 7	2460					
Prep Date: 11/3/2020 An Analyte R Benzene Toluene	nalysis Da Result ND ND ND	ate: 11 PQL 0.025	/5/2020			RunNo: 73169					
Analyte R Benzene Toluene	Result ND ND ND	PQL 0.025			SeqNo: 2573512 Units: mg/Kg						
Benzene Toluene	ND ND ND	0.025	SPK value								
Toluene	ND ND			SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
	ND										
		0.050									
Ethylbenzene		0.050									
Xylenes, Total	ND	0.10				70	100				
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		99.6	70	130				
Surr: 4-Bromofluorobenzene	0.54		0.5000		107	70 70	130				
Surr: Dibromofluoromethane	0.51		0.5000		101	70	130				
Surr: Toluene-d8	0.48		0.5000		96.4	70	130				
Sample ID: LCS-56182	SampTy	pe: LC	S4	Tes	tCode: El	PA Method	8260B: Volati	es Short	List		
Client ID: BatchQC	Batch	ID: 561	82	F	RunNo: 73169						
Prep Date: 11/3/2020 An	Analysis Date: 11/5/2020			SeqNo: 2573513 Units: mg/Kg							
Analyte R	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.1	0.025	1.000	0	106	80	120				
Toluene	1.0	0.050	1.000	0	101	80	120				
Ethylbenzene	1.0	0.050	1.000	0	100	80	120				
Xylenes, Total	3.1	0.10	3.000	0	102	80	120				
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		100	70	130				
Surr: 4-Bromofluorobenzene	0.53		0.5000		106	70	130				
Surr: Dibromofluoromethane	0.51		0.5000		102	70	130				
Surr: Toluene-d8	0.48		0.5000		95.1	70	130				
Sample ID: mb-56212	SampTy	/pe: MB	LK	Tes	tCode: El	PA Method	8260B: Volati	es Short	List		
Client ID: PBS	Batch	ID: 562	212	F	RunNo: 7	3190					
Prep Date: 11/4/2020 An	nalysis Da	ate: 11	/6/2020	5	SeqNo: 2	574203	Units: %Rec				
Analyte R	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		92.4	70	130				
Surr: 4-Bromofluorobenzene	0.54		0.5000		107	70	130				
Surr: Dibromofluoromethane	0.50		0.5000		99.6	70	130				
Surr: Toluene-d8	0.48		0.5000		96.5	70	130				
Sample ID: Ics-56212	SampTy	pe: LC	S4	Tes	tCode: El	PA Method	8260B: Volati	es Short	List		
Client ID: BatchQC		ID: 562			RunNo: 7						
	nalysis Da				SeqNo: 2		Units: %Rec				
Analyte R	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 1,2-Dichloroethane-d4	0.47		0.5000	2	93.7	70	130	, D		~~~~	
Surr: 4-Bromofluorobenzene	0.53		0.5000		106	70	130				
	0.00		0.0000		100	10	150				

Qualifiers:

* Value exceeds Maximum Contaminant Level.

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

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

Page 20 of 22

D Sample Diluted Due to Matrix

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

|--|

Client: EOG											
Project: Jackson	n B 57										
Sample ID: Ics-56212	SampT	ype: LC	:S4	TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BatchQC	Batch	n ID: 56	212	RunNo: 73190							
Prep Date: 11/4/2020	Analysis D	ate: 1 *	1/6/2020	SeqNo: 2574204			Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: Dibromofluoromethane	0.50		0.5000		99.8	70	130				
Surr: Toluene-d8	0.48		0.5000		96.9	70	130				
Sample ID: mb-56204	SampT	ype: ME	BLK	TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: PBS	Batch	n ID: 56	204	RunNo: 73190							
	Analysis Date: 11/7/2020			SeqNo: 2574217			Units: %Rec				
Prep Date: 11/4/2020	Analysis D)ate: 11	1/7/2020	S	eqNo: 2	574217	Units: %Red	;			
	Analysis D Result	ate: 1' PQL		SPK Ref Val	eqNo: 2 %REC	574217 LowLimit	Units: %Rec HighLimit	%RPD	RPDLimit	Qual	
	2				•				RPDLimit	Qual	
Analyte	Result		SPK value		%REC	LowLimit	HighLimit		RPDLimit	Qual	
Analyte Surr: 1,2-Dichloroethane-d4	Result 0.47		SPK value 0.5000		%REC 94.8	LowLimit 70	HighLimit 130		RPDLimit	Qual	
Analyte Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene	Result 0.47 0.51		SPK value 0.5000 0.5000		94.8 92	LowLimit 70 70	HighLimit 130 130		RPDLimit	Qual	

Sample ID. ICS-36204 Samplype. LCS4			residude: EPA method 8260B: volatiles Short List							
Client ID: BatchQC				RunNo: 73190						
Prep Date: 11/4/2020				SeqNo: 2574219			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		96.1	70	130			
Surr: 4-Bromofluorobenzene	0.52		0.5000		105	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		98.8	70	130			
Surr: Toluene-d8	0.47		0.5000		94.0	70	130			

Qualifiers:

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

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

Page 21 of 22

WO#: 2011061 11-Nov-20

QC SUMMARY REPORT Hall

SUMMARY REPORT	WO#:	2011061
Environmental Analysis Laboratory, Inc.		11-Nov-20

Project: Jackson B 37 Sample ID: mb-56182 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56182 RunNo: 73169 Prep Date: 11/3/2020 Analysis Date: 11/3/2020 SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual Gasoline Range Organics (GRO) ND 5.0 102 70 130 Sample ID: IcsS65182 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Gasoline Range Qual Gasoline Range Organics (GRO) Analysis Date: 11/3/2020 SeqNo: 2573537 Units: mg/Kg Analysis Result POL SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual Gasoline Range Organics (GRO) 21 5.0 25.00 0 82.5 70 130 Sample ID: In5/56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Qual Sampt Signatin Minit MRPD MPDLinit	Client:	EOG										
Client ID: PBS Batch ID: 56182 RunNo: 73169 Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573536 Units: mg/g Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) ND 5.0 102 70 130 Sample ID: Lcs-S6182 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56182 RunNo: 73169 Prop Pol SeqNo: 2573537 Units: mg/g Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) 21 5.0 25.00 0 82.5 70 130 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015	Project:	Jackson B	57									
Client ID: PBS Batch ID: 56182 RunNo: 73169 Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573536 Units: mg/g Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) ND 5.0 102 70 130 Sample ID: Lcs-S6182 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56182 RunNo: 73169 Prop. Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573337 Units: mg/kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) 21 5.0 25.00 0 82.5 70 130 Sample ID: mb-	Sample ID: mb-56	\$182	SamnT	vne MF	N K	Tes	tCode: F	PA Method	8015D Mod: (Sasolino I	Range	
Prep Date: 11/3/2020 Analysis Date: 11/3/2020 SeqNo: 2573536 Units: mg/Kg Analyte Result PQL SPK value SPK Kef Val %REC LowLinit HighLinit %RPD RPDLinit Qual Baseline Range Organics (GR0) ND 5.0 500.0 102 70 130 Sample ID: Iccs-S6182 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Clent ID: LCSS Batch ID: 56182 RunNo: 73169 Prep Date: 11/3/2020 SeqNo: 2573537 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual Gasoline Range Organics (GR0) 21 5.0 25.00 0 82.5 70 130 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batc		5102	•							Jasonne i	lange	
Analyte Result POL SPK Kel Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gaseline Range Organics (GR0) ND 5:0 500.0 102 70 130 Sample ID: Ice-56182 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range E Client ID: LCSS Batch ID: 56182 RunNo: 73169 P Prep Date: 11/3/2020 Analyte Result POL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gaseline Range Organics (GR0) 21 5.0 25.00 0 82.5 70 130 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56212 RunNo: 73190 P P P P PDL SVK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr. BFB 520 500.0 103 70 130 130 130		/2020							Unite: ma/K	~		
Gasoline Range Organics (GR0) ND 5.0 102 70 130 Sam: BFB 510 500.0 102 70 130 Sam: BFB Samphype: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 5612 RunNo: 73169 Sur: BFB 500 500.0 82.5 70 130 Sur: BFB 500 500.0 82.5 70 130 Sarr. BFB 500 500.0 100 70 130 Sarr. BFB 500 500.0 100 70 130 Sarr. BFB 500 500.0 103 70 130 Sarr. BFB 520 500.0 103 70 130 Surr. BFB 520 500.0 103 70		2020	-				•			-		a 1
Sur: BFB 510 500.0 102 70 130 Sample ID: Ics-56182 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56182 RunNo: 73169 Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573537 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 21 5.0 25.00 0 82.5 70 130 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574238 Units: %Rec Analyte Result POL SPK value SPK Ref Val %REC LowLimit High		ics (GRO)			SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Client ID: LCSS Batch ID: 56182 RunNo: 73169 Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573537 Units: mg/Kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 21 5.0 25.00 0 8.25 7.0 130 30 Sum: BFB 500 500.0 100 70 130 30 30 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56212 RunNo: 73190 Freip Date: 11/6/2020 SeqNo: 2574237 Units: %RPD RPDLimit Qual Surr: BFB 520 500.0 103 70 130 500 103 70 130 500 130 500 130 500 103 70 130 500 130 500 500.0 130 500 500				0.0	500.0		102	70	130			
Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573537 Units: mg/Kg Analyte Result POL SPK value SPK Value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 21 5.0 25.00 0 82.5 70 130 Sur: BFB 500 500.0 100 70 130 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574237 Units: %Rec Analyte Result POL SPK value SPK Kef Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sur: BFB 520 500.0 103 70 130	Sample ID: Ics-56	6182	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline I	Range	
Analyte Result PQL SPK value	Client ID: LCSS	i i	Batch	n ID: 56	182	F	unNo: 73	3169				
Gasoline Range Organics (GR0) 21 5.0 25.00 0 82.5 70 130 Surr: BFB 500 500.0 100 70 130 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574237 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 520 500.0 103 70 130 Sample ID: Ics-56212 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56212 RunNo: 73190 Prep Date: 11/6/2020 SeqNo: 2574238 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 530 <th>Prep Date: 11/3/</th> <th>/2020</th> <th>Analysis D</th> <th>ate: 11</th> <th>/5/2020</th> <th>S</th> <th>eqNo: 25</th> <th>573537</th> <th>Units: mg/K</th> <th>g</th> <th></th> <th></th>	Prep Date: 11/3/	/2020	Analysis D	ate: 11	/5/2020	S	eqNo: 25	573537	Units: mg/K	g		
Surr: BFB 500 500.0 100 70 130 Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Image: Client ID: PBS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574237 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 520 500.0 103 70 130 TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56212 RunNo: 73190 TestCode: EPA Method 8015D Mod: Gasoline Range Surr: BFB 530 500.0 105 70 130 Sample ID: LCSS Batch ID: 56212 RunNo: 73190 TestCode: EPA Method 8015D Mod: Gasoline Range Surr: BFB 530 500.0 105 70 130 Sample ID: mb-56204 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: Sample ID:	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: mb-56212 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574237 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 520 500.0 103 70 130 30 30 Sample ID: Ics-56212 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56212 RunNo: 73190 70 130 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574238 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 530 500.0 105 70 130 30	Gasoline Range Organ	ics (GRO)	21	5.0	25.00	0	82.5	70	130			
Client ID: PBS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574237 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 520 500.0 103 70 130 70 130 Sample ID: Ics-56212 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56212 RunNo: 73190 70 130 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574238 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 530 500.0 105 70 130 200 201 201 201 Sample ID: mb56204 SampType: MBLK Tes	Surr: BFB		500		500.0		100	70	130			
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AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB520500.010370130130130130130130Sample ID:Ics-56212SampType:LCSTestCode:EPA Method 8015D Mod:Gasoline Range116120	Client ID: PBS		Batch	n ID: 56	212	F	unNo: 73	3190				
Surr: BFB 520 500.0 103 70 130 Sample ID: Ics-56212 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574238 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 530 500.0 105 70 130 Sample ID: mb-56204 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56204 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/7/2020 SeqNo: 2574251 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 490 500.0 97.2 70 130 30 Sample ID: Ics-56204 SampType: LCS TestCode: EPA Method 8015D	Prep Date: 11/4	/2020	Analysis D	ate: 11	/6/2020	S	eqNo: 25	574237	Units: %Rec			
Sample ID: Ics-56212 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574238 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 530 500.0 105 70 130 Sample ID: mb-56204 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56204 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/7/2020 SeqNo: 2574251 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 490 500.0 97.2<	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Client ID: LCSS Batch ID: 56212 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574238 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 530 500.0 105 70 130	Surr: BFB		520		500.0		103	70	130			
Prep Date:11/4/2020Analysis Date:11/6/2020SeqNo:2574238Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB530500.010570130	Sample ID: Ics-56	6212	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline I	Range	
AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB530500.010570130Sample ID: mb-56204SampType:MBLKTestCode:EPA Method 8015D Mod:Gasoline RangeClient ID:PBSBatch ID:56204RunNo:73190Prep Date:11/4/2020Analysis Date:11/7/2020SeqNo:2574251Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB490500.097.270130130110011001100Sample ID:Ics-56204SampType:LCSTestCode:EPA Method 8015D Mod:Gasoline RangeClient ID:LCSSBatch ID:56204RunNo:73190Prep Date:11/4/2020Analysis Date:11/6/2020SeqNo:2574252Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQual	Client ID: LCSS	i	Batch	n ID: 56	212	F	anNo: 73	3190				
Surr: BFB 530 500.0 105 70 130 Sample ID: mb-56204 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56204 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/7/2020 SeqNo: 2574251 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 490 500.0 97.2 70 130 70 130 Sample ID: Ics-56204 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range 70 130 Sample ID: Ics-56204 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range 70 130 Client ID: LCSS Batch ID: 56204 RunNo: 73190 73190 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574252 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit	Prep Date: 11/4	/2020	Analysis D	ate: 11	/6/2020	S	SeqNo: 25	574238	Units: %Rec			
Sample ID: mb-56204 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 56204 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/7/2020 SeqNo: 2574251 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 490 500.0 97.2 70 130	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 490 500.0 97.2 70 130 130 130 130 Sample ID: Ics-56204 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Result 10 56204 RunNo: 73190 100	Client ID: PBS		Batch	n ID: 56	204	F	unNo: 73	3190				
Surr: BFB 490 500.0 97.2 70 130 Sample ID: Ics-56204 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56204 RunNo: 73190 Prep Date: 11/4/2020 SeqNo: 2574252 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	Prep Date: 11/4	/2020	Analysis D	ate: 11	/7/2020	S	eqNo: 25	574251	Units: %Rec			
Sample ID: Ics-56204 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: LCSS Batch ID: 56204 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574252 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Client ID: LCSS Batch ID: 56204 RunNo: 73190 Prep Date: 11/4/2020 Analysis Date: 11/6/2020 SeqNo: 2574252 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	Surr: BFB		490		500.0		97.2	70	130			
Prep Date: 11/4/2020 SeqNo: 2574252 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	Sample ID: Ics-56	6204	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline I	Range	
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	Client ID: LCSS	i	Batch	n ID: 56	204	F	aunNo: 73	3190				
	Prep Date: 11/4	/2020	Analysis D	ate: 11	/6/2020	S	eqNo: 25	574252	Units: %Rec			
Surr: BFB 490 500.0 97.8 70 130	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Surr: BFB		490		500.0		97.8	70	130			

Qualifiers:

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

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

Page 22 of 22

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Released to Imaging: 3/22/2024 8:59:38 AM

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HALL ENVIRONMENTA ANALYSIS LABORATORY		TE	L: 505-345-3	ntal Analysis Lab 4901 Haw Albuquerque, NN 8975 FAX: 505-34 ts.hallenvironmen	kins NE 187109 5-4107	Sar	nple Log-In Cł	Page 22 neck List
Client Name: EOG		Work	Order Num	ber: 2011061			RcptNo:	1
Received By: Emily Moch Completed By: Emily Moch			20 8:00:00					
Deviewed Dev. The	1/3/2		20 9:00:00	АМ				
Chain of Custody								
1. Is Chain of Custody comple	te?			Yes 🗸	No		Not Present	
2. How was the sample deliver	red?							
Log In 3. Was an attempt made to co	ol the sampl	es?		Yes 🗸	No		NA 🗌	
4. Were all samples received a	t a temperat	ture of >0° C	to 6.0°C	Yes 🗹	No		NA 🗌	
5. Sample(s) in proper contain	er(s)?			Yes 🗸	No			
6. Sufficient sample volume for	indicated te	st(s)?		Yes 🖌	No			
7. Are samples (except VOA and	nd ONG) pro	perly preserve	ed?	Yes 🗸	No			
8. Was preservative added to b	ottles?			Yes	No	\checkmark	NA 🗌	
9. Received at least 1 vial with	headspace ·	<1/4" for AQ V	OA?	Yes	No		NA 🖌	
10. Were any sample containers	s received b	roken?		Yes 🗌	No	✓	# of preserved bottles checked	
11. Does paperwork match bottle (Note discrepancies on chair				Yes 🗹	No		for pH:	12 unless noted)
12. Are matrices correctly identif	ied on Chair	n of Custody?		Yes 🖌	No		Adjusted?	
13. Is it clear what analyses were	e requested	?		Yes 🗸	No		-	
14. Were all holding times able t (If no, notify customer for au				Yes 🖌	No		Checked by:	JM 11/3/2
Special Handling (if appl	icable)							
15. Was client notified of all disc	crepancies v	vith this order?	2	Yes	No		NA 🗹	
Person Notified:	non für som köller an sämmer som		Date	: [one and be		
By Whom:			Via:	eMail	Phone	Fax	In Person	
Regarding:		NACIONA O SERVICIA MORONAL ESCAPO						
Client Instructions:								
16. Additional remarks:								
17. <u>Cooler Information</u> Cooler No Temp °C	Condition	Seal Intact	Soci Ma	Soci Dete	Cincod	DV		
provide the second s	Good	Yes	Seal No	Seal Date	Signed	БУ		
	Good	Yes						

Page 1 of 1

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Sampler: On Ice: # of Coolers:
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on: [*] □ Až Compliance □ Other
Accreditation:

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<i>Received by OCD: 11/1/2023 4</i>	54:09 PM	Page 225 of 368
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Released to Imaging: 3/22/202		



October 18, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 10/17/19 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Jodi Henson

Sample Received By:

Analytical Results For:

	EOG Y RE	SOURCES, INC		
	CHASE SE	TTLE		
	105 SOUT	H 4TH STREET		
	ARTESIA	NM, 88210		
	Fax To:	(575) 748-413	1	
10/17/2019			Sampling Date:	10/16/2019
10/18/2019			Sampling Type:	Soil
JACKSON B #57			Sampling Condition:	Cool & Intact

Sample ID: #2 -2C - 10' (H903557-01)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	1.16	1.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	15.4	1.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	20.0	1.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	25.1	3.00	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	61.6	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	15600	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	690	50.0	10/18/2019	ND	208	104	200	2.62	
DRO >C10-C28*	2070	50.0	10/18/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	222	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	140	% 41-142							
Surrogate: 1-Chlorooctadecane	155	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA M	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #2 -2C - 15' (H903557-02)

BTEX 8021B	mg/kg		Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.78	1.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	34.4	1.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	29.9	1.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	34.7	3.00	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	104	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8560	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1090	50.0	10/18/2019	ND	208	104	200	2.62	
DRO >C10-C28*	4110	50.0	10/18/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	603	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	157	% 41-142	2						
Surrogate: 1-Chlorooctadecane	206	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RES	OURCES, INC			
	CHASE SET	TLE			
	105 SOUTH	4TH STREET			
	ARTESIA NI	M, 88210			
	Fax To:	(575) 748-4131			
Received: 10/12	7/2019	9	Sampling Date:	10	0/16/2019
Reported: 10/18	3/2019	9	Sampling Type:	So	oil
Project Name: JACK	SON B #57		Sampling Condition:	Co	ool & Intact
Project Number: 2RP-	5149		Sample Received By:	Jo	di Henson
Project Location: JACK	SON B #57				

Sample ID: #2 -2C - 20' (H903557-03)

BTEX 8021B	mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.14	1.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	18.8	1.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	19.3	1.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	23.9	3.00	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	64.2	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9060	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	835	50.0	10/18/2019	ND	208	104	200	2.62	
DRO >C10-C28*	4000	50.0	10/18/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	594	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	227	% 41-142	2						
Surrogate: 1-Chlorooctadecane	205	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN OF CUSTODY RECORD AND AMALYSIS REQUEST Imme Policit I::::::::::::::::::::::::::::::::::::	Rece	ined by: Relinquished by:			Special Instructions:	3 4:54:0			(#2-2C- 20'		1 #2-2C- 10'	LAB # (lab use only)	ORDER # 11000	(lab use only)	Sampler Signature:	Telephone No: 575-7	City/State/Zip: Artes	Company Address: 104 S	Company Name EOG	Project Manager:	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST region Lance region Lance </td <td></td> <td>Date</td> <td>10-17-19</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>m</td> <td></td> <td></td> <td>S.</td> <td>48-1471</td> <td>ia, NM 88210</td> <td>outh 4th Street</td> <td>Resources Inc.</td> <td>e Settle</td> <td>obbs, NM 88240</td>		Date	10-17-19									m			S.	48-1471	ia, NM 88210	outh 4th Street	Resources Inc.	e Settle	obbs, NM 88240
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CHAIN OF CUSTOPY RECORD AND ANALYSIS REQUEST			De						2:26 PM	2:19 PM	2:07 PM	Time Sampled			e-mail:	Fax No:					FAX (505) 393
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October 18, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 10/17/19 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Sample Received By:

10/16/2019

Cool & Intact

Jodi Henson

Soil

Analytical Results For:

	EOG Y RESOURCES, INC	
	CHASE SETTLE	
	105 SOUTH 4TH STREET	
	ARTESIA NM, 88210	
	Fax To: (575) 748-4131	
10/17/2019		Sampling Date:
10/18/2019		Sampling Type:
JACKSON B #57		Sampling Condition:

Sample ID: #2 -1C - 10' (H903556-01)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	9.83	1.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	78.5	1.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	74.8	1.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	102	3.00	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	265	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	11600	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	2350	50.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	5780	50.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	834	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	200	% 41-142	2						
Surrogate: 1-Chlorooctadecane	234	% 37.6-14	7						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA M	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #2 -1C - 15' (H903556-02)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	16.9	1.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	75.8	1.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	56.3	1.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	65.5	3.00	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	215	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1790	50.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	3460	50.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	511	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	168	% 41-142	2						
Surrogate: 1-Chlorooctadecane	189	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RE	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA I	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #2 -1C - 20' (H903556-03)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.31	1.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	19.0	1.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	17.0	1.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	20.1	3.00	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	60.5	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	402	50.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	1720	50.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	233	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	127	% 41-142	2						
Surrogate: 1-Chlorooctadecane	148	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RES	OURCES, INC			
	CHASE SET	TLE			
	105 SOUTH	4TH STREET			
	ARTESIA NI	M, 88210			
	Fax To:	(575) 748-4131			
Received: 10/12	7/2019	9	Sampling Date:	10	0/16/2019
Reported: 10/18	3/2019	9	Sampling Type:	So	oil
Project Name: JACK	SON B #57		Sampling Condition:	Co	ool & Intact
Project Number: 2RP-	5149		Sample Received By:	Jo	di Henson
Project Location: JACK	SON B #57				

Sample ID: #2 -1C - 25' (H903556-04)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.1	1.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	44.7	1.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	36.1	1.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	41.2	3.00	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	132	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13200	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	546	50.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	1680	50.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	201	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	126	% 41-142							
Surrogate: 1-Chlorooctadecane	147	% 37.6-14	7						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE 105 SOUT	Sources, INC TTLE H 4TH STREET IM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #2 -1C - 30' (H903556-05)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.091	0.050	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	0.156	0.050	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	0.090	0.050	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	<0.150	0.150	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	0.337	0.300	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	90.6	% 41-142	2						
Surrogate: 1-Chlorooctadecane	100 \$	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #2 -1C - 35' (H903556-06)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.183 0.050		10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	0.372	0.050	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	0.136	0.050	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	<0.150	0.150	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	0.793	0.300	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14600	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	87.1	% 41-142	,						
Surrogate: 1-Chlorooctadecane	92.2	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE	H 4TH STREET		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #2 -1C - 40' (H903556-07)

BTEX 8021B	mg/	′kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.816 0.050		10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	2.85	0.050	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	2.67 0.050		10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	3.18	0.150	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	9.52	0.300	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	57.7	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	281	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	30.4	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	97.1	% 41-142	2						
Surrogate: 1-Chlorooctadecane	105 9	% 37.6-14	_						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE	H 4TH STREET		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #2 -1C - 45' (H903556-08)

BTEX 8021B	mg/	′kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.054	0.050	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	<0.050	0.050	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	<0.050	0.050	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	<0.150	0.150	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	<0.300	0.300	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9760	16.0	10/18/2019	ND	432	108	400	0.00	QM-07
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/18/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	93.0	% 41-142	,						
Surrogate: 1-Chlorooctadecane	99.6	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG	ig y resoui	RCES, INC		
	CH/	ASE SETTLE			
	105	5 SOUTH 4T	H STREET		
	ART	TESIA NM, 8	38210		
	Fax	x To: (5	575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/16/2019
Reported: 1	10/18/2019			Sampling Type:	Soil
Project Name: J	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number: 2	2RP-5149			Sample Received By:	Jodi Henson
Project Location: J	JACKSON B #57				

Sample ID: #2 -1C - 50' (H903556-09)

BTEX 8021B	mg/	′kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.087	0.050	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	0.092	0.050	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	<0.050	0.050	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	<0.150	0.150	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	<0.300	0.300	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/18/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	88.3	% 41-142	2						
Surrogate: 1-Chlorooctadecane	92.1	% 37.6-14							

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ecei	ed by		• 11/1 Deling	/2Specia	23 4:	54:0 54:0		16	5	1-				LAB # (lab use only)	ORDER #:	(lab use only)						P	age 243 of
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Date	Date	10-17-19		TPH EXTENDED NEEDED										FIELD CODE	556		ä	575-748-1471	Artesia, NM 88210	s: 104 South 4th Street	EOG Resources Inc.	Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
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Time	lime	N.		DED							T			Ending Depth	12								
Received by ELOT:	Received by:	Repeived by:			10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	10/16/2019	Date Sampled									(505) 393-2326
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iture	hple Hand I by Sampler	n co seal	Cont Cont										-	SAR / ESP / CEC		2] Standard	205-0750		2RP-5149		ANA
Temperature Upon	Sample Hand Delivered by Sampler/Client Rep. ?	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Sample Containers Intact? VOCs Free of Headspace?	ahoratory Comments:	-								-	Metals: As Ag Ba Cd Cr Pb Hg Volatiles	Se	Ana		dard	0		49		LY
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October 18, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 10/17/19 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Jodi Henson

Sample Received By:

Analytical Results For:

		EOG Y RES	OURCES, INC		
		CHASE SET	ITLE		
		105 SOUTH	1 4TH STREET		
		ARTESIA N	IM, 88210		
		Fax To:	(575) 748-4131	l	
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact

Sample ID: #1 -2C - 10' (H903555-01)

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	114	5.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	327	5.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	168	5.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	159	15.0	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	769	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg Analyzed By: AC		d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1780	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS	3y: MS			S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	6690	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	10100	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	1610	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	287	% 41-142	2						
Surrogate: 1-Chlorooctadecane	339	% 37.6-14	7						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESOUR	CES, INC					
	CHASE SETTLE						
	105 SOUTH 4TI	H STREET					
	ARTESIA NM, 8	ARTESIA NM, 88210					
	Fax To: (5	75) 748-4131					
Received: 10/17/201	9	Sampling Date:	10/15/2019				
Reported: 10/18/201	9	Sampling Type:	Soil				
Project Name: JACKSON	3 #57	Sampling Condition:	Cool & Intact				
Project Number: 2RP-5149		Sample Received By:	Jodi Henson				
Project Location: JACKSON	3 #57						

Sample ID: #1 -2C - 15' (H903555-02)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	117	5.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	337	5.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	182	5.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	174	15.0	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	810	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	10/18/2019	ND	432	108	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5080	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	8280	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	1330	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	252	% 41-142	2						
Surrogate: 1-Chlorooctadecane	303	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC				
		CHASE SE	TTLE				
		105 SOUT	H 4TH STREET				
		ARTESIA NM, 88210					
		Fax To:	(575) 748-4131				
Received:	10/17/2019			Sampling Date:	10/15/2019		
Reported:	10/18/2019			Sampling Type:	Soil		
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact		
Project Number:	2RP-5149			Sample Received By:	Jodi Henson		
Project Location:	JACKSON B #57						

Sample ID: #1 -2C - 20' (H903555-03)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	33.1	1.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	150	1.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	98.5	1.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	103	3.00	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	384	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2850	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	5510	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	847	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	206	% 41-142	2						
Surrogate: 1-Chlorooctadecane	246	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RE	SOURCES, INC					
	CHASE SE	TTLE					
	105 SOUT	H 4TH STREET					
	ARTESIA I	ARTESIA NM, 88210					
	Fax To:	(575) 748-4131					
Received: 10/17/2019			Sampling Date:	10/15/2019			
Reported: 10/18/2019			Sampling Type:	Soil			
Project Name: JACKSON B #57			Sampling Condition:	Cool & Intact			
Project Number: 2RP-5149			Sample Received By:	Jodi Henson			
Project Location: JACKSON B #57							

Sample ID: #1 -2C - 25' (H903555-04)

BTEX 8021B	mg,	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	42.8	5.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	125	5.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	68.9	5.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	68.6	15.0	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	305	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1160	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	1730	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	213	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	147	% 41-142	?						
Surrogate: 1-Chlorooctadecane	165	% 37.6-14	7						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESOUR	CES, INC					
	CHASE SETTLE						
	105 SOUTH 4TI	H STREET					
	ARTESIA NM, 8	ARTESIA NM, 88210					
	Fax To: (5	75) 748-4131					
Received: 10/17/201	9	Sampling Date:	10/15/2019				
Reported: 10/18/201	9	Sampling Type:	Soil				
Project Name: JACKSON	3 #57	Sampling Condition:	Cool & Intact				
Project Number: 2RP-5149		Sample Received By:	Jodi Henson				
Project Location: JACKSON	3 #57						

Sample ID: #1 -2C - 30' (H903555-05)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	97.8	5.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	304	5.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	168	5.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	171	15.0	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	741	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5710	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	8870	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	1410	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	264	% 41-142	2						
Surrogate: 1-Chlorooctadecane	317	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESOUR	CES, INC					
	CHASE SETTLE						
	105 SOUTH 4TI	H STREET					
	ARTESIA NM, 8	ARTESIA NM, 88210					
	Fax To: (5	75) 748-4131					
Received: 10/17/201	9	Sampling Date:	10/15/2019				
Reported: 10/18/201	9	Sampling Type:	Soil				
Project Name: JACKSON	3 #57	Sampling Condition:	Cool & Intact				
Project Number: 2RP-5149		Sample Received By:	Jodi Henson				
Project Location: JACKSON	3 #57						

Sample ID: #1 -2C - 35' (H903555-06)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	136	5.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	399	5.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	212	5.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	205	15.0	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	952	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	7910	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	11900	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	1950	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	318	% 41-142	2						
Surrogate: 1-Chlorooctadecane	384	% 37.6-14	7						

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		CHASE SET	H 4TH STREET		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -2C - 40' (H903555-07)

BTEX 8021B	mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	93.5	5.00	10/18/2019	ND	1.59	79.6	2.00	2.02	QM-07
Toluene*	264	5.00	10/18/2019	ND	1.58	78.9	2.00	2.98	QM-07
Ethylbenzene*	165	5.00	10/18/2019	ND	1.60	80.2	2.00	1.22	QM-07
Total Xylenes*	176	15.0	10/18/2019	ND	4.82	80.3	6.00	0.454	QM-07
Total BTEX	698	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	256	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	4350	50.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	7000	50.0	10/17/2019	ND	181	90.3	200	3.46	QM-07
EXT DRO >C28-C36	1030	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	221	% 41-142							
Surrogate: 1-Chlorooctadecane	263	% 37.6-14	7						

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	EOG Y RESOURC	EOG Y RESOURCES, INC						
	CHASE SETTLE	CHASE SETTLE						
	105 SOUTH 4TH	105 SOUTH 4TH STREET						
	ARTESIA NM, 882	ARTESIA NM, 88210						
	Fax To: (575	5) 748-4131						
Received: 10/17/2019	9	Sampling Date:	10/15/2019					
Reported: 10/18/2019	9	Sampling Type:	Soil					
Project Name: JACKSON E	3 #57	Sampling Condition:	Cool & Intact					
Project Number: 2RP-5149		Sample Received By:	Jodi Henson					
Project Location: JACKSON E	3 #57							

Sample ID: #1 -2C - 45' (H903555-08)

BTEX 8021B	mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	15.2	1.00	10/17/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	43.8	1.00	10/17/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	30.1	1.00	10/17/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	33.1	3.00	10/17/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	122	6.00	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	287	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	716	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	107	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	106	% 41-142							
Surrogate: 1-Chlorooctadecane	114	% 37.6-14	7						

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	EOG Y RESOUR	CES, INC	
	CHASE SETTLE		
	105 SOUTH 4TI	H STREET	
	ARTESIA NM, 8	8210	
	Fax To: (5	75) 748-4131	
Received: 10/17/201	9	Sampling Date:	10/15/2019
Reported: 10/18/201	9	Sampling Type:	Soil
Project Name: JACKSON	3 #57	Sampling Condition:	Cool & Intact
Project Number: 2RP-5149		Sample Received By:	Jodi Henson
Project Location: JACKSON	3 #57		

Sample ID: #1 -2C - 50' (H903555-09)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	112	5.00	10/18/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	307	5.00	10/18/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	188	5.00	10/18/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	197	15.0	10/18/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	804	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5040	50.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	7980	50.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	1220	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	222	% 41-142	2						
Surrogate: 1-Chlorooctadecane	269	% 37.6-14	7						

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		EOG Y RES	OURCES, INC		
		CHASE SET	TLE		
		105 SOUTH	H 4TH STREET		
		ARTESIA N	IM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -2C - 55' (H903555-10)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	66.4	1.00	10/17/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	203	1.00	10/17/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	132	1.00	10/17/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	150	3.00	10/17/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	551	6.00	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2790	50.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	4870	50.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	739	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	177	% 41-142	2						
Surrogate: 1-Chlorooctadecane	208	% 37.6-14	7						

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		EOG Y RESC	OURCES, INC		
		CHASE SETT	ΓLE		
		105 SOUTH	4TH STREET		
		ARTESIA NN	1, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -2C - 60' (H903555-11)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.633	0.050	10/17/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	0.633	0.050	10/17/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	0.170	0.050	10/17/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	0.181	0.150	10/17/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	1.62	0.300	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	91.1	% 41-142							
Surrogate: 1-Chlorooctadecane	91.8	% 37.6-14	7						

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		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -2C - 65' (H903555-12)

BTEX 8021B	mg/	'kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.480	0.050	10/17/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	0.668	0.050	10/17/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	0.193	0.050	10/17/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	<0.150	0.150	10/17/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	1.47	0.300	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	94.9	% 41-142	,						
Surrogate: 1-Chlorooctadecane	101 9	37.6-14	7						

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		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -2C - 70' (H903555-13)

BTEX 8021B	mg,	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	<0.050	0.050	10/17/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	<0.050	0.050	10/17/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	<0.150	0.150	10/17/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	<0.300	0.300	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	94.4	% 41-142							
Surrogate: 1-Chlorooctadecane	99.1	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



		CHASE SE	H 4TH STREET		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -2C - 75' (H903555-14)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.108	0.050	10/17/2019	ND	1.59	79.6	2.00	2.02	
Toluene*	0.265	0.050	10/17/2019	ND	1.58	78.9	2.00	2.98	
Ethylbenzene*	0.175	0.050	10/17/2019	ND	1.60	80.2	2.00	1.22	
Total Xylenes*	0.197	0.150	10/17/2019	ND	4.82	80.3	6.00	0.454	
Total BTEX	0.745	0.300	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2019	ND	208	104	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/17/2019	ND	181	90.3	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	96.1	% 41-142	2						
Surrogate: 1-Chlorooctadecane	101 9	% 37.6-14	7						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

1	Receiv	ed by		11/1/20	023	4:54	1:09	PM	[)			0	5						P	nge 260 o	f 36 8
	Relinquished by:	Relinquished by:	Relinguished by:	Special Instructions:	10		B	1	-		F	3	9	1	LAB # (lab use only)	ORDER #:			Ĩ		~	0		æ	of 18
	ied by:	ed by:		nstruc	#1-2C-	#1-2C- 50'	#1-2C- 45	#1-2C- 40	#1-2C- 35	#1-2C- 30'	#1-2C- 25	#1-2C- 20'	#1-2C- 15'	#1-2C- 10'		#:	Sampler Signature:	, ,	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	N 1	Page 17
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	Temperature	Sample Hand Delivered by Sampler/Client Rep. by Courier? UPS	tody story	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?		-		-				-	-	-	Anions (CI, SO4, Alkalinity)	TOTAL:	TCLF		×St	205-0750		2RP-5149		AA	2
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Relinquished by:	Relinquished by:	Relinquished by:	Special Instructions:					14 #1-2C- 75'	13 #1-2C- 70'	12 #1-2C- 65'	1 #1-2C- 60'	LAB # (lab use only)	ORDER # 1403555	(lab use only)	Sampler Signature:	Telephone No: 575-7	City/State/Zip: Artes	Company Address: 104 S	Company Name EOG	Project Manager: Chas	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
Date	[@+] /-// Date	Date	TPH EXTENDED NEEDED	_								Ŭ.	ũ			575-748-1471	Artesia, NM 88210	104 South 4th Street	EOG Resources Inc.	Chase Settle	obbs, NM 88240
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Received by ELOT:	Received by:	Received by:						10/15/2019	10/15/2019	10/15/2019	10/15/2019	Date Sampled									(505) 393-2326 FAX (505) 393-2476
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Time	Time	Time						×	×	×	×	TPH: 8015B EXTENDED			B	Form		ojec	Proj	ect N	COF
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+	eals and	cont	y Co ontai									Metals: As Ag Ba Cd Cr Pb Hg			>	Inda	50		5149		AL
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т				_		$\left \right $		×	×	×	×	Chlorides		_		U		#57		#57	
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October 18, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 10/17/19 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Sample Received By:

10/15/2019

Cool & Intact

Jodi Henson

Soil

Analytical Results For:

	EOG Y RESO	OURCES, INC	
	CHASE SET	TLE	
	105 SOUTH	4TH STREET	
	ARTESIA NM	4, 88210	
	Fax To:	(575) 748-4131	
10/17/2019			Sampling Date:
10/18/2019			Sampling Type:
JACKSON B #57			Sampling Condition:

Sample ID: #1 -1C - 10' (H903554-01)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	32.5	1.00	10/17/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	165	1.00	10/17/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	101	1.00	10/17/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	108	3.00	10/17/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	407	6.00	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	224	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	1630	50.0	10/17/2019	ND	218	109	200	1.58	QM-07
DRO >C10-C28*	2610	50.0	10/17/2019	ND	222	111	200	1.29	QM-07
EXT DRO >C28-C36	344	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	162	% 41-142	2						
Surrogate: 1-Chlorooctadecane	185	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE 105 SOUT	SOURCES, INC TTLE H 4TH STREET NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 15' (H903554-02)

BTEX 8021B	mg,	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	103	5.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	345	5.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	183	5.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	180	15.0	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	810	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3320	50.0	10/17/2019	ND	218	109	200	1.58	
DRO >C10-C28*	5100	50.0	10/17/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	657	50.0	10/17/2019	ND					
Surrogate: 1-Chlorooctane	206	% 41-142	2						
Surrogate: 1-Chlorooctadecane	263	% 37.6-14	7						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESOUR	CES, INC	
	CHASE SETTLE		
	105 SOUTH 4TI	H STREET	
	ARTESIA NM, 8	8210	
	Fax To: (5	75) 748-4131	
Received: 10/17/201	9	Sampling Date:	10/15/2019
Reported: 10/18/201	9	Sampling Type:	Soil
Project Name: JACKSON	3 #57	Sampling Condition:	Cool & Intact
Project Number: 2RP-5149		Sample Received By:	Jodi Henson
Project Location: JACKSON	3 #57		

Sample ID: #1 -1C - 20' (H903554-03)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	49.4	1.00	10/17/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	164	1.00	10/17/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	95.1	1.00	10/17/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	97.3	3.00	10/17/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	406	6.00	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3060	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	5580	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	887	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	213	% 41-142							
Surrogate: 1-Chlorooctadecane	246	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE 105 SOUT	SOURCES, INC TTLE H 4TH STREET NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 25' (H903554-04)

BTEX 8021B	mg,	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	55.7	1.00	10/17/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	159	1.00	10/17/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	88.8	1.00	10/17/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	91.0	3.00	10/17/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	395	6.00	10/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1850	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	3330	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	491	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	177	% 41-142	2						
Surrogate: 1-Chlorooctadecane	214	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE 105 SOUT	SOURCES, INC TTLE H 4TH STREET NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 30' (H903554-05)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	90.1	5.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	258	5.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	141	5.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	143	15.0	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	632	30.0	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1160	10.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	1270	10.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	191	10.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	140	% 41-142							
Surrogate: 1-Chlorooctadecane	143	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RE	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA I	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 35' (H903554-06)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	8.57	1.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	41.1	1.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	37.4	1.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	43.7	3.00	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	131	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	322	10.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	942	10.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	106	10.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	126	% 41-142	2						
Surrogate: 1-Chlorooctadecane	131	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE 105 SOUT	SOURCES, INC TTLE H 4TH STREET NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 40' (H903554-07)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	32.6	1.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	142	1.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	86.5	1.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	105	3.00	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	366	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3050	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	7340	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	1140	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	224	% 41-142	2						
Surrogate: 1-Chlorooctadecane	279	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		CHASE SE 105 SOUT	SOURCES, INC TTLE H 4TH STREET NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 45' (H903554-08)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	16.9	1.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	81.9	1.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	58.0	1.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	63.8	3.00	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	221	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1480	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	3000	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	355	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	166	% 41-142	2						
Surrogate: 1-Chlorooctadecane	202	% 37.6-14	7						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA M	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 50' (H903554-09)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	38.5	1.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	131	1.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	81.0	1.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	83.5	3.00	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	334	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2130	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	3810	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	575	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	185	% 41-142	2						
Surrogate: 1-Chlorooctadecane	228	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESOUR	CES, INC	
	CHASE SETTLE		
	105 SOUTH 4TI	H STREET	
	ARTESIA NM, 8	8210	
	Fax To: (5	75) 748-4131	
Received: 10/17/201	9	Sampling Date:	10/15/2019
Reported: 10/18/201	9	Sampling Type:	Soil
Project Name: JACKSON	3 #57	Sampling Condition:	Cool & Intact
Project Number: 2RP-5149		Sample Received By:	Jodi Henson
Project Location: JACKSON	3 #57		

Sample ID: #1 -1C - 55' (H903554-10)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.77	0.200	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	16.6	0.200	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	13.4	0.200	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	14.7	0.600	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	48.6	1.20	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	146	10.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	743	10.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	107	10.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	124	% 41-142	2						
Surrogate: 1-Chlorooctadecane	129	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
				0 H D I	
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 60' (H903554-11)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	58.8	1.00	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	202	1.00	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	121	1.00	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	125	3.00	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	507	6.00	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	6260	50.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	11000	50.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	1760	50.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	283	% 41-142	2						
Surrogate: 1-Chlorooctadecane	359	% 37.6-14	7						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA M	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	10/17/2019			Sampling Date:	10/15/2019
Reported:	10/18/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57				

Sample ID: #1 -1C - 75' (H903554-12)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.558	0.050	10/18/2019	ND	1.65	82.5	2.00	4.24	
Toluene*	0.914	0.050	10/18/2019	ND	1.69	84.7	2.00	2.07	
Ethylbenzene*	0.591	0.050	10/18/2019	ND	1.65	82.7	2.00	3.95	
Total Xylenes*	0.779	0.150	10/18/2019	ND	4.98	82.9	6.00	3.25	
Total BTEX	2.84	0.300	10/18/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/18/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20.9	10.0	10/18/2019	ND	218	109	200	1.58	
DRO >C10-C28*	250	10.0	10/18/2019	ND	222	111	200	1.29	
EXT DRO >C28-C36	45.0	10.0	10/18/2019	ND					
Surrogate: 1-Chlorooctane	110 9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	121	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

R	eceinquisned by:	yed by Felinquished by:	CC Kellinguisting by:			4:5 9 #1-1C- 50'	4:09 8 #1-1C- 45	P 7 #1-1C- 40'	6 #1-1C- 35'	5 #1-1C- 30'	4 #1-1C- 25'	3 #1-1C- 20'	2 #1-1C- 15	1 #1-1C-10'	LAB # (lab use only) FIELD CODE	ORDER# ガムクジリント	(lab use only)	Sampler Signature:	Telephone No: 575-748-147	City/State/Zip: Artesia, NM	Company Address: 104 Sou	Company Name EOG R	Project Manager: Chase Settle	age 276 of 368 91 Jo St abed ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
	Date	Date	10-17-19					īδ								-		S	8-1471	NM 88210	104 South 4th Street	Resources Inc.	Settle	ORIES bs, NM 88240
	lime	Time	Lime												Beginning Depth									
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	Received by ELOT:	Received by:	Received by:		10/15/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019	Date Sampled									(505) 393-2326 FAX (505) 393-2476
	Π;		Ales		11:43 AM	11:27 AM	11:12 AM	10:52 AM	10:42 AM	10:29 AM	10:16 AM	10:05 AM	9:58 AM	9:51 AM	Time Sampled			e-mail:	Fax No:					FAX (505) 393-
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	0	D	20		-	-									Other (Specify)	SIS		OSe						cus
	Date	Date	Date					1							DW=Drinking Water SL=Sludge	2		@eogresources.com		1		'	1	TO
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-	Temperature Upon Receipt;	Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?	×	×	×	×	×	×	×	X	×	×	BTEX: 8021B			П 2 1			Jackson		Jackson	IAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
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	Date	-0-19		ENDED		-)		10	eet	Inc.		240		
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	Received by:	Received by	-						10/15/2019	61.07/C1/01	10/10/00/0	Date Sampled										(505) 393-2326 FAX (505) 393-2476		
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Date	Date	Date										Other (Specify)	ŝ			SOL							SUS	
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Temperature Upon Receipt	nple Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Sample Containers Intact? VOCs Free of Headspace?								-	Semivolatiles			e For:		_		Jac		Jac		CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST	
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Released to Imaging: 3/22/2024 8:59:38 AM

10 #



July 09, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 07/02/19 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:	07/02/2019	Sampling Date:	06/26/2019
Reported:	07/09/2019	Sampling Type:	Soil
Project Name:	JACKSON B #57	Sampling Condition:	Cool & Intact
Project Number:	2RP-5149	Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57		

Sample ID: #2 - 2 - 30' (H902281-01)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	20.1	1.00	07/08/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	98.9	1.00	07/08/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	69.4	1.00	07/08/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	74.9	3.00	07/08/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	263	6.00	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 73.3-12	9						
hloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17400	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	1920	50.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	4470	50.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	683	50.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	256	% 41-142	2						
Surrogate: 1-Chlorooctadecane	221	% 37.6-14	7						

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Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	IM, 88210		
		Fax To:	(575) 748-4131	L	
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #2 - 2 - 35' (H902281-02)

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	0.635	0.050	07/08/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	1.95	0.050	07/08/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	2.87	0.150	07/08/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	5.46	0.300	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	94.8	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	568	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	82.5	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	113 9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	127	% 37.6-14	7						

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Analytical Results For:

		EOG Y RE	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA I	NM, 88210		
		Fax To:	(575) 748-4131	l	
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #2 - 2 - 40' (H902281-03)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.268	0.050	07/08/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	1.47	0.050	07/08/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	2.44	0.050	07/08/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	3.23	0.150	07/08/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	7.41	0.300	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18400	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	46.6	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	310	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	54.3	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	102	% 41-142	2						
Surrogate: 1-Chlorooctadecane	119	% 37.6-14	7						

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Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #2 - 3 - 30' (H902281-04)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.106	0.050	07/08/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	0.939	0.050	07/08/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	1.31	0.050	07/08/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	1.72	0.150	07/08/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	4.07	0.300	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	48.7	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	1060	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	234	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	105	% 41-142	2						
Surrogate: 1-Chlorooctadecane	140	% 37.6-14	7						

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2RP-5149

JACKSON B #57

Sample Received By:

06/26/2019

Cool & Intact

Jodi Henson

Soil

Analytical Results For:

	EOG	Y RESOURCES, INC		
	CHAS	E SETTLE		
	105 S	OUTH 4TH STREET		
	ARTE	SIA NM, 88210		
	Fax T	o: (575) 748-4131		
07/0	2/2010		Sampling Date:	
)2/2019		Sampling Date.	
07/0)9/2019		Sampling Type:	
JACI	KSON B #57		Sampling Condition:	

Sample ID: #2 - 3 - 35' (H902281-05)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	0.269	0.050	07/08/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	1.97	0.050	07/08/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	1.80	0.050	07/08/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	2.19	0.150	07/08/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	6.23	0.300	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	14800	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	39.7	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	205	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	40.5	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	103	% 41-142	2						
Surrogate: 1-Chlorooctadecane	119 9	% 37.6-14	7						

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Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #2 - 4 - 30' (H902281-06)

Project Location:

BTEX 8021B	mg/kg		Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.33	0.200	07/08/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	12.2	0.200	07/08/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	13.4	0.200	07/08/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	17.1	0.600	07/08/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	44.0	1.20	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21600	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	397	50.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	2850	50.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	469	50.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	157	% 41-142	2						
Surrogate: 1-Chlorooctadecane	172	% 37.6-14	7						

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Analytical Results For:

		CHASE SET 105 SOUTH	4TH STREET		
		ARTESIA NI	1		
		Fax To:	(575) 748-4131		
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #2 - 4 - 35' (H902281-07)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/08/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	0.715	0.050	07/08/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	1.42	0.050	07/08/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	1.98	0.150	07/08/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	4.11	0.300	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20600	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.7	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	284	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	42.0	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	100	% 41-142	2						
Surrogate: 1-Chlorooctadecane	119	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Jodi Henson

Sample Received By:

Analytical Results For:

		EOG Y RES	OURCES, INC		
		CHASE SET	ITLE		
		105 SOUTH	H 4TH STREET		
		ARTESIA N	IM, 88210		
		Fax To:	(575) 748-4131	L	
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact

Sample ID: #2 - 4 - 40' (H902281-08)

Project Number:

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/06/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	<0.050	0.050	07/06/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	<0.050	0.050	07/06/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	<0.150	0.150	07/06/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	<0.300	0.300	07/06/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	<10.0	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	<10.0	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	98.4	% 41-142	,						
Surrogate: 1-Chlorooctadecane	114 9	37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.										
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.										
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.										
ND	Analyte NOT DETECTED at or above the reporting limit										
RPD	Relative Percent Difference										
**	Samples not received at proper temperature of 6°C or below.										
***	Insufficient time to reach temperature.										
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C										
	Samples reported on an as received basis (wet) unless otherwise noted on report										

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Celey D. Keene, Lab Director/Quality Manager

Relinquis	elínquis	Relinquis	1/2 pecial	0 <u>23</u> 4:5	1:09	s pa J	5	S	H	S	2	1	LAB # (lab use only)	ORDER #:	(lab use only)						P	age 288 of
shed by:	shed by:	shed by:	11/1/26 pecial Instructions:		#2-4-40'	#2-4-35'	#2-4-30'	#2-3-35'	#2-3-30'	, Oh - 2-24	#2-2-35'	#2-2-30'	л		only)	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	ARDINAL L 101 East Ma
	Date	Date 7-2-1 1	TPH										FIELD CODE	H902281	(e:	575-748-1471	Artesia, NM 88210	s: 105 South 4th Street	EOG Y Resources Inc.	Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
	t		Exte										Beginning Depth							9		0
lime	Time	Time](:30	ended						_		-		Ending Depth									
Received by ELOT:	Received by:		1 needed					_	_		1	6-26-19	Date Sampled									(505) 393-2326
01	2	Hen			11:50 A	11:39 A	11:31 A	10:52 A	4 01:01	12:43 P	12:33 h	1 02:21	Time Sampled			e-mail:	- Fax No:					(505) 393-2326 FAX (505) 393-2476
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		P			X	X	X	×	XI	X	X	X	Total #. of Containers Ice			Chase						
		1											HNO ₃	Prese		ê						
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Date	ate	tt					1.	,	,	,	,		DW=Drinking Water SL=Sludge	2		@eogresources.com		I	L.	d		TO
		19			S	S	N	И	S	S	9	4	GW = Groundwater S=Soil/Solid	Matrix		es.c	Report Format:				σ	1YC
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lime	Time	Time	_		~	\sim	\sim		\sim		~	\times	TPH: TX 1005 TX 1006	-			orma	π	Project Loc:	Project #:	ct Na	OR
H	ŝ	005	< Sa La										Cations (Ca, Mg, Na, K)	_			ĨŤ	PO #	Loc	ct #	ame:	DA
Temperature Upon Receipt	Sample Hand Delivered by Sampler/Client Rep by Courier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?										Anions (CI, SO4, Alkalinity)	Б	-		×			01	0 1	ND ND
eratu	e Ha Sam Cou	on o ly se ly se	e Co Free										SAR / ESP / CEC	TOTAL:	TCLP:		Sta	205-0750		RP	5	AN
re U	nple Hand Delivered by Sampler/Client Rep. by Courier? UPS	eals of als of a	/ Co Intaii										Metals: As Ag Ba Cd Cr Pb Hg	Se	2		× Standard	50		UN	6	
pon	Clier	ainer on co	mm ners fead										Volatiles				á.			5149	S	SIS
Rec	ered UPS	(s) poler	Inta								-		Semivolatiles			1				9	3	RE
eipt:		ner(:: ct? ce?		×	\times	\times	\times	\times	\times	\times	\times	BTEX: 8021B				Ц					RQU
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م °°	N N	2zZ	zz										RUSH TAT (Pre-Schedule) 24,	48, 72 hr	s	1	NPDES					


July 09, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 07/02/19 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:	07/02/2019	Sampling Date:	06/26/2019
Reported:	07/09/2019	Sampling Type:	Soil
Project Name:	JACKSON B #57	Sampling Condition:	Cool & Intact
Project Number:	2RP-5149	Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57		

Sample ID: #1 - 2 - 55' (H902280-01)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	8.88	0.500	07/08/2019	ND	1.47	73.3	2.00	1.45	
Toluene*	46.7	0.500	07/08/2019	ND	1.76	87.8	2.00	1.27	
Ethylbenzene*	36.3	0.500	07/08/2019	ND	1.72	85.8	2.00	5.40	
Total Xylenes*	32.1	1.50	07/08/2019	ND	5.23	87.1	6.00	4.39	
Total BTEX	124	3.00	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	867	50.0	07/05/2019	ND	203	102	200	0.445	QR-03
DRO >C10-C28*	2130	50.0	07/05/2019	ND	213	107	200	0.589	QR-03, QM-0
EXT DRO >C28-C36	250	50.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	163	% 41-142	2						
Surrogate: 1-Chlorooctadecane	148	% 37.6-14	7						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RE	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA I	NM, 88210		
		Fax To:	(575) 748-4131	l	
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #1 - 2 - 60' (H902280-02)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	87.8	2.00	07/08/2019	ND	1.47	73.3	2.00	1.45	
Toluene*	348	2.00	07/08/2019	ND	1.76	87.8	2.00	1.27	
Ethylbenzene*	267	2.00	07/08/2019	ND	1.72	85.8	2.00	5.40	
Total Xylenes*	226	6.00	07/08/2019	ND	5.23	87.1	6.00	4.39	
Total BTEX	928	12.0	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/09/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5880	50.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	12000	50.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	2110	50.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	502	% 41-142	2						
Surrogate: 1-Chlorooctadecane	359	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #1 - 2 - 65' (H902280-03)

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.354	0.050	07/08/2019	ND	1.47	73.3	2.00	1.45	
Toluene*	0.610	0.050	07/08/2019	ND	1.76	87.8	2.00	1.27	
Ethylbenzene*	0.128	0.050	07/08/2019	ND	1.72	85.8	2.00	5.40	
Total Xylenes*	<0.150	0.150	07/08/2019	ND	5.23	87.1	6.00	4.39	
Total BTEX	1.09	0.300	07/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/09/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	78.4	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	43.8	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	94.9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	110 9	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RE	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA I	NM, 88210		
		Fax To:	(575) 748-4131	l	
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #1 - 3 - 40' (H902280-04)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	26.4	1.00	07/05/2019	ND	1.47	73.3	2.00	1.45	
Toluene*	113	1.00	07/05/2019	ND	1.76	87.8	2.00	1.27	
Ethylbenzene*	90.1	1.00	07/05/2019	ND	1.72	85.8	2.00	5.40	
Total Xylenes*	74.9	3.00	07/05/2019	ND	5.23	87.1	6.00	4.39	
Total BTEX	305	6.00	07/05/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/09/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2140	50.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	5050	50.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	757	50.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	262	% 41-142	2						
Surrogate: 1-Chlorooctadecane	217	% 37.6-14	17						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESOURCES, INC
	CHASE SETTLE
	105 SOUTH 4TH STREET
	ARTESIA NM, 88210
	Fax To: (575) 748-4131
07/02/2019	Sampling Date:
07/00/2010	

Received:	07/02/2019	Sampling Date:	06/26/2019
Reported:	07/09/2019	Sampling Type:	Soil
Project Name:	JACKSON B #57	Sampling Condition:	Cool & Intact
Project Number:	2RP-5149	Sample Received By:	Jodi Henson
Project Location:	JACKSON B #57		

Sample ID: #1 - 3 - 50' (H902280-05)

BTEX 8021B	mg	/kg	Analyze	d By: BF					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	54.2	1.00	07/05/2019	ND	1.47	73.3	2.00	1.45	
Toluene*	194	1.00	07/05/2019	ND	1.76	87.8	2.00	1.27	
Ethylbenzene*	146	1.00	07/05/2019	ND	1.72	85.8	2.00	5.40	
Total Xylenes*	128	3.00	07/05/2019	ND	5.23	87.1	6.00	4.39	
Total BTEX	522	6.00	07/05/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/09/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3290	50.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	6470	50.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	1100	50.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	317	% 41-142	2						
Surrogate: 1-Chlorooctadecane	242	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESC	OURCES, INC			
	CHASE SETT	ΓLE			
	105 SOUTH	4TH STREET			
	ARTESIA NN	1, 88210			
	Fax To:	(575) 748-4131			
07/02/2019			Sampling Date:		06/26/2019
07/09/2019			Sampling Type:		Soil
JACKSON B #57			Sampling Condition:		Cool & Intact
2RP-5149			Sample Received By:		Jodi Henson
JACKSON B #57					
	07/09/2019 JACKSON B #57 2RP-5149	CHASE SETT 105 SOUTH ARTESIA NM Fax To: 07/02/2019 07/09/2019 JACKSON B #57 2RP-5149	07/02/2019 07/09/2019 JACKSON B #57 2RP-5149	CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131 07/02/2019 07/09/2019 JACKSON B #57 2RP-5149 Sampling Condition: Sample Received By:	CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131 07/02/2019 07/09/2019 JACKSON B #57 2RP-5149 Sampling Condition: Sampling Condition: Sampling Condition: Sample Received By:

Sample ID: #1 - 3 - 60' (H902280-06)

BTEX 8021B	mg	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.109	0.050	07/05/2019	ND	1.47	73.3	2.00	1.45	
Toluene*	0.129	0.050	07/05/2019	ND	1.76	87.8	2.00	1.27	
Ethylbenzene*	<0.050	0.050	07/05/2019	ND	1.72	85.8	2.00	5.40	
Total Xylenes*	<0.150	0.150	07/05/2019	ND	5.23	87.1	6.00	4.39	
Total BTEX	<0.300	0.300	07/05/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.8	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	19.1	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	24.5	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	101	% 41-142	2						
Surrogate: 1-Chlorooctadecane	113 9	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



JACKSON B #57

Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	07/02/2019			Sampling Date:	06/26/2019
Reported:	07/09/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Jodi Henson

Sample ID: #1 - 4 - 55' (H902280-07)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.313	0.050	07/06/2019	ND	1.52	76.2	2.00	0.362	
Toluene*	0.510	0.050	07/06/2019	ND	1.71	85.4	2.00	0.901	
Ethylbenzene*	0.182	0.050	07/06/2019	ND	1.70	85.1	2.00	3.28	
Total Xylenes*	0.167	0.150	07/06/2019	ND	5.12	85.3	6.00	3.78	
Total BTEX	1.17	0.300	07/06/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98. <i>3</i>	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/09/2019	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2019	ND	203	102	200	0.445	
DRO >C10-C28*	19.5	10.0	07/05/2019	ND	213	107	200	0.589	
EXT DRO >C28-C36	<10.0	10.0	07/05/2019	ND					
Surrogate: 1-Chlorooctane	102	% 41-142	2						
Surrogate: 1-Chlorooctadecane	116 9	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

	eccel elinquisned by:	aimquisned by:	och i i i i i i i i i i i i i i i i i i i	alinauished hv:	pecial Instructions:	923 4:5	54:09	1 #1-4-55	10 #1-3-60'	S 刑-3-50°	₩-3-	#1-2	~~~	-2-1#	LAB # (lab use only)	ORDER #: 1102240	(lab use only)	Sampler Signature:	Telephone No: 57	City/State/Zip: Art	Company Address: 10	Company Name	Project Manager:	AC	Page 10 of 10
	Date	Date	Long In		TPH										CODE	č	5		575-748-1471	Artesia, NM 88210	105 South 4th Street	EOG Y Resources Inc.	Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240	
	1		11:30		2										Beginning Depth										
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	Time	Time	Time					\times	\times	\times	\times	\times	\times		NP=Non-Potable Specify Other TPH: 8015B		ТТ	@eogresources.com	Report Format:		Proj	σ	Project Name:	į	CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
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	Ter	Sar	Cus	Sai	Lat										Cations (Ca, Mg, Na, K)	-			ft	PO #:	Loc:	ct #:	ime:		DA
	nper	Sample Hand Delivered by Sampler/Client Rej by Courier? UPS	stody	nple Cs F	Laboratory Comments:										Anions (Cl, SO4, Alkalinity)	10	H		×	205		N	01	ē	ND
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	on F	lient	n co	ers l	nme			_	_		_			-	/olatiles		-Vildiy2e	-	Ó,			514	8	0	sisi
	Temperature Upon Receipt:	nple Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Sample Containers Intact? VOCs Free of Headspace?	nts:	-				~	~				Semivolatiles			1				149	3		R I
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June 26, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 06/25/19 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:	06/25/2019	Sampling Date:	06/25/2019
Reported:	06/26/2019	Sampling Type:	Soil
Project Name:	JACKSON B #57	Sampling Condition:	** (See Notes)
Project Number:	2RP-5149	Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57		

Sample ID: #2-1 - 20' (H902171-01)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.93	0.500	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	22.0	0.500	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	16.1	0.500	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	18.1	1.50	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	61.2	3.00	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	06/26/2019	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	419	50.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	1290	50.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	218	50.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	179	% 41-142	2						
Surrogate: 1-Chlorooctadecane	191	% 37.6-14	7						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA N	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	06/25/2019			Sampling Date:	06/25/2019
Reported:	06/26/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	** (See Notes)
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker

Sample ID: #2-1 - 25' (H902171-02)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	46.8	2.00	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	220	2.00	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	145	2.00	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	158	6.00	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	569	12.0	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	06/26/2019	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4920	50.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	8860	50.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	1390	50.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	296	% 41-142	2						
Surrogate: 1-Chlorooctadecane	369	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		EOG Y RESC	URCES, INC		
		CHASE SETT	LE		
		105 SOUTH	4TH STREET		
		ARTESIA NM	1, 88210		
		Fax To:	(575) 748-4131		
Received:	06/25/2019			Sampling Date:	06/25/2019
Reported:	06/26/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	** (See Notes)
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57				

Sample ID: #2-1 - 30' (H902171-03)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	0.066	0.050	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	0.070	0.050	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	<0.150	0.150	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	<0.300	0.300	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	06/26/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	11.2	10.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	129 9	% 41-142	,						
Surrogate: 1-Chlorooctadecane	136 9	37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA M	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	06/25/2019			Sampling Date:	06/25/2019
Reported:	06/26/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	** (See Notes)
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57				

Sample ID: #2-1 - 35' (H902171-04)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	<0.050	0.050	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	<0.050	0.050	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	<0.150	0.150	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	<0.300	0.300	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	06/26/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	126	% 41-142	2						
Surrogate: 1-Chlorooctadecane	132	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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June 26, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 06/25/19 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:	06/25/2019	Sampling Date:	06/25/2019
Reported:	06/26/2019	Sampling Type:	Soil
Project Name:	JACKSON B #57	Sampling Condition:	** (See Notes)
Project Number:	2RP-5149	Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57		

Sample ID: #1-1 - 20' (H902170-01)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	98.5	2.00	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	312	2.00	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	181	2.00	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	181	6.00	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	773	12.0	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9060	16.0	06/26/2019	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3630	50.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	8640	50.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	1400	50.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	266	% 41-142	2						
Surrogate: 1-Chlorooctadecane	361	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	IM, 88210		
		Fax To:	(575) 748-4131		
Received:	06/25/2019			Sampling Date:	06/25/2019
Reported:	06/26/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	** (See Notes)
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker

Sample ID: #1-1 - 25' (H902170-02)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	38.1	1.00	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	131	1.00	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	83.1	1.00	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	89.8	3.00	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	342	6.00	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	6930	16.0	06/26/2019	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	1690	50.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	6570	50.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	1180	50.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	225	% 41-142	2						
Surrogate: 1-Chlorooctadecane	311	% 37.6-14	7						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Tamara Oldaker

Sample Received By:

Analytical Results For:

	EOG Y RE	SOURCES, INC		
	CHASE SE	TTLE		
	105 SOUT	H 4TH STREET		
	ARTESIA	NM, 88210		
	Fax To:	(575) 748-413	1	
06/25/2019			Sampling Date:	06/25/2019
06/26/2019			Sampling Type:	Soil
JACKSON B #57			Sampling Condition:	** (See Notes)

Sample ID: #1-1 - 35' (H902170-03)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	28.3	1.00	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	113	1.00	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	79.0	1.00	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	87.8	3.00	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	308	6.00	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	6660	16.0	06/26/2019	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	1780	50.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	6490	50.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	1120	50.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	219	% 41-142	2						
Surrogate: 1-Chlorooctadecane	305	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Tamara Oldaker

Sample Received By:

Analytical Results For:

	EOG Y RE	SOURCES, INC		
	CHASE SE	TTLE		
	105 SOUT	TH 4TH STREET		
	ARTESIA	NM, 88210		
	Fax To:	(575) 748-413	1	
06/25/2019			Sampling Date:	06/25/2019
06/26/2019			Sampling Type:	Soil
JACKSON B #57			Sampling Condition:	** (See Notes)

Sample ID: #1-1 - 40' (H902170-04)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	11.1	1.00	06/26/2019	ND	2.00	99.9	2.00	0.240	
Toluene*	54.4	1.00	06/26/2019	ND	2.04	102	2.00	0.00766	
Ethylbenzene*	50.3	1.00	06/26/2019	ND	1.93	96.7	2.00	1.92	
Total Xylenes*	62.2	3.00	06/26/2019	ND	5.86	97.6	6.00	1.91	
Total BTEX	178	6.00	06/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	06/26/2019	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1320	50.0	06/25/2019	ND	211	106	200	0.273	
DRO >C10-C28*	7190	50.0	06/25/2019	ND	201	100	200	1.36	
EXT DRO >C28-C36	1160	50.0	06/25/2019	ND					
Surrogate: 1-Chlorooctane	236	% 41-142	2						
Surrogate: 1-Chlorooctadecane	333	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

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	Date	ū	ALL results in mg/kg.					e								1014	1 88210 74/5-117	4th Street	oleum Corporation	Sc St	
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February 06, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 01/30/19 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



		EOG Y RESO	URCES, INC		
		CHASE SETT	ΊΕ		
		105 SOUTH	4TH STREET		
		ARTESIA NM	1, 88210		
		Fax To:	(575) 748-4131		
Received:	01/30/2019			Sampling Date:	01/29/2019
Reported:	02/06/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57				

Sample ID: #2 SIDEWALLS (H900341-01)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	0.085	0.050	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	0.073	0.050	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	<0.150	0.150	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	<0.300	0.300	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/02/2019	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2019	ND	167	83.5	200	0.387	
DRO >C10-C28*	17.4	10.0	02/01/2019	ND	179	89.3	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	88.5	% 41-142	2						
Surrogate: 1-Chlorooctadecane	89.8	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Recei	elinquished by:		11/1/2 pecial I	023 4	1 :54:0	9 PM-			-	LAB # (lab use only)	(lab use only) ORDER #:						P	age 310	of 368
ned by:	hed by:	fied by:	11/1/26 pecial Instructions:						#2 Sidewalls		140034	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	ARDINAL LA	Page 4 c
Uate	Date	Date (-30-17	TPH EXTENDED NEEDED!							FIELD CODE	142(575-748-4171	Artesia, NM 88210	: 105 South 4th Street	EOG Y Resources Inc.	Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240	
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February 06, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 01/30/19 14:00.

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Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Sample Received By:

01/29/2019

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

	EOG Y RESC	URCES, INC	
	CHASE SETT	ΊΕ	
	105 SOUTH	4TH STREET	
	ARTESIA NM	1, 88210	
	Fax To:	(575) 748-4131	
01/30/2019			Sampling Date:
02/06/2019			Sampling Type:
JACKSON B #57			Sampling Condition:

Sample ID: #1 SIDEWALLS (H900340-01)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.126	0.050	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	0.243	0.050	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	0.154	0.050	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	0.179	0.150	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	0.701	0.300	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2019	ND	400	100	400	7.69	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2019	ND	167	83.5	200	0.387	
DRO >C10-C28*	20.1	10.0	02/01/2019	ND	179	89.3	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	94.4	% 41-142	2						
Surrogate: 1-Chlorooctadecane	95.7	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Receiped inquished by:	ed by Glinquished by:	OCD elinquished by			4:54:6	99 PM -					LAB # (lab use only) FIELD CODE	ORDER# 1100040	(lab use only)	Sampler Signature:	Telephone No: 575-748-417	City/State/Zip: Artesia,	Company Address: 105 Sou	Company Name EOG Y I	Project Manager: Chase Settle	archinal Laboratories 101 East Marland, Hobbs, NM 88240
Date	Date	Date -30-/9	IPH EXTENDED NEEDED											2 2	4171	Artesia, NM 88210	105 South 4th Street	EOG Y Resources Inc.	Settle	DRIES 95, NM 88240
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the Ch	nd D bler/C	onta als o	ntain of H								Metals: As Ag Ba Cd Cr Pb Hg	Se		Δn	Standard	ö		149		ATA
Temperature Upon Receipt:	Sample Hand Delivered by Sampler/Client Rep. by Courier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?						\square	-	Volatiles			Analyze	4					CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
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February 06, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

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Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:	01/30/2019	Sampling Date:	01/29/2019
Reported:	02/06/2019	Sampling Type:	Soil
Project Name:	JACKSON B #57	Sampling Condition:	Cool & Intact
Project Number:	2RP-5149	Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57		

Sample ID: #2 - 7' (H900338-01)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	53.9	2.00	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	228	2.00	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	139	2.00	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	146	6.00	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	567	12.0	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25600	16.0	02/02/2019	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4460	50.0	02/01/2019	ND	210	105	200	4.32	
DRO >C10-C28*	7860	50.0	02/01/2019	ND	210	105	200	0.805	
EXT DRO >C28-C36	1170	50.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	216	% 41-142	2						
Surrogate: 1-Chlorooctadecane	271	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	EOG Y RESC	DURCES, INC		
	CHASE SET	ΓLE		
	105 SOUTH			
	ARTESIA NN	1, 88210		
	Fax To:	(575) 748-4131		
Received: 01	1/30/2019	Sam	mpling Date: ()1/29/2019
Reported: 02	2/06/2019	Sam	mpling Type:	Soil
Project Name: JA	ACKSON B #57	Sam	mpling Condition: (Cool & Intact
Project Number: 2F	RP-5149	Sam	mple Received By:	Famara Oldaker
Project Location: JA	ACKSON B #57			

Sample ID: #2 - 9' (H900338-02)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	44.1	2.00	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	185	2.00	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	119	2.00	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	125	6.00	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	473	12.0	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	02/02/2019	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3730	50.0	02/01/2019	ND	210	105	200	4.32	
DRO >C10-C28*	7300	50.0	02/01/2019	ND	210	105	200	0.805	
EXT DRO >C28-C36	894	50.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	219	% 41-142	2						
Surrogate: 1-Chlorooctadecane	263	% 37.6-14	7						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	IM, 88210		
		Fax To:	(575) 748-4131		
Received:	01/30/2019			Sampling Date:	01/29/2019
Reported:	02/06/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker

Sample ID: #2 - 11' (H900338-03)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	21.7	2.00	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	109	2.00	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	78.0	2.00	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	83.9	6.00	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	292	12.0	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26400	16.0	02/02/2019	ND	400	100	400	7.69	
TPH 8015M	mg/kg		Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1810	50.0	02/01/2019	ND	210	105	200	4.32	
DRO >C10-C28*	3970	50.0	02/01/2019	ND	210	105	200	0.805	
EXT DRO >C28-C36	554	50.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	168	% 41-142	2						
Surrogate: 1-Chlorooctadecane	193	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

		EOG Y RESC	URCES, INC		
		CHASE SETT	LE		
		105 SOUTH	4TH STREET		
		ARTESIA NM	1, 88210		
		Fax To:	(575) 748-4131		
Received:	01/30/2019			Sampling Date:	01/29/2019
Reported:	02/06/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57				

Sample ID: #2 - 13' (H900338-04)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	21.8	1.00	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	101	1.00	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	72.1	1.00	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	77.6	3.00	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	273	6.00	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26800	16.0	02/02/2019	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1810	50.0	02/01/2019	ND	210	105	200	4.32	
DRO >C10-C28*	4300	50.0	02/01/2019	ND	210	105	200	0.805	
EXT DRO >C28-C36	526	50.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	171	% 41-142	2						
Surrogate: 1-Chlorooctadecane	197	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



JACKSON B #57

Analytical Results For:

		CHASE SET	4TH STREET		
		ARTESIA N	M, 00210		
		Fax To:	(575) 748-4131		
Received:	01/30/2019			Sampling Date:	01/29/2019
Reported:	02/06/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker

Sample ID: #2 - 15' (H900338-05)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Benzene*	150	5.00	02/04/2019	ND	2.19	110	2.00	1.83		
Toluene*	439	5.00	02/04/2019	ND	2.10	105	2.00	2.97		
Ethylbenzene*	243	5.00	02/04/2019	ND	2.06	103	2.00	3.15		
Total Xylenes*	256	15.0	02/04/2019	ND	5.99	99.8	6.00	0.740		
Total BTEX	1090	30.0	02/04/2019	ND						
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Chloride	8800	16.0	02/02/2019	ND	400	100	400	7.69		
TPH 8015M	mg	/kg	Analyzed By: MS						S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
GRO C6-C10*	8570	50.0	02/01/2019	ND	210	105	200	4.32	QM-07	
DRO >C10-C28*	13000	50.0	02/01/2019	ND	210	105	200	0.805	QM-07	
EXT DRO >C28-C36	1930	50.0	02/01/2019	ND						
Surrogate: 1-Chlorooctane	321	% 41-142	2							
Surrogate: 1-Chlorooctadecane	393	% 37.6-14	7							

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

inquished by:	ed by etinquished by:	linquisber by:					9 PM-	5 #2-15	4 #2-13'	3 #2-11'	2 #2-9	l #2-7'	Field CODE	ORDER # 11000000	(lab use only)	Sampler Signature	Telephone No: 575-748-417	City/State/Zip: Artesia,	Company Address: 105 Sou	Company Name EOG Y	Project Manager: Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
Date	Date	Date 1-30-19														6	14171	Artesia, NM 88210	105 South 4th Street	EOG Y Resources Inc.	Settle	DRIES ps, NM 88240
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OT:		ata IL						10:16 AM	10:10 AM	10:07 AM	10:04 AM	10:01 AM	Time Sampled			e-mail:	Fax No:					FAX (505) 393-
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Released to Imaging: 3/22/2024 8:59:38 AM



February 06, 2019

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: JACKSON B #57

Enclosed are the results of analyses for samples received by the laboratory on 01/30/19 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:	01/30/2019	Sampling Date:	01/29/2019
Reported:	02/06/2019	Sampling Type:	Soil
Project Name:	JACKSON B #57	Sampling Condition:	Cool & Intact
Project Number:	2RP-5149	Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57		

Sample ID: #1 - 7' (H900337-01)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	92.7	5.00	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	440	5.00	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	277	5.00	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	293	15.0	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	1100	30.0	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/02/2019	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	9720	50.0	02/01/2019	ND	210	105	200	4.32	
DRO >C10-C28*	15600	50.0	02/01/2019	ND	210	105	200	0.805	
EXT DRO >C28-C36	2230	50.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	352	% 41-142	2						
Surrogate: 1-Chlorooctadecane	446	% 37.6-14	7						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



JACKSON B #57

Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUTI	H 4TH STREET		
		ARTESIA N	IM, 88210		
		Fax To:	(575) 748-4131		
Received:	01/30/2019			Sampling Date:	01/29/2019
Reported:	02/06/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker

Sample ID: #1 - 9' (H900337-02)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	159	5.00	02/04/2019	ND	2.19	110	2.00	1.83	
Toluene*	516	5.00	02/04/2019	ND	2.10	105	2.00	2.97	
Ethylbenzene*	292	5.00	02/04/2019	ND	2.06	103	2.00	3.15	
Total Xylenes*	301	15.0	02/04/2019	ND	5.99	99.8	6.00	0.740	
Total BTEX	1270	30.0	02/04/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	02/02/2019	ND	400	100	400	7.69	QM-07
TPH 8015M	mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	7250	50.0	02/01/2019	ND	210	105	200	4.32	
DRO >C10-C28*	11900	50.0	02/01/2019	ND	210	105	200	0.805	
EXT DRO >C28-C36	1790	50.0	02/01/2019	ND					
Surrogate: 1-Chlorooctane	283	% 41-142	2						
Surrogate: 1-Chlorooctadecane	356	% 37.6-14	7						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RES	SOURCES, INC		
		CHASE SE	TTLE		
		105 SOUT	H 4TH STREET		
		ARTESIA M	NM, 88210		
		Fax To:	(575) 748-4131		
Received:	01/30/2019			Sampling Date:	01/29/2019
Reported:	02/06/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57				

Sample ID: #1 - 11' (H900337-03)

BTEX 8021B	mg,	/kg	Analyze	d By: ms							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	154	5.00	02/04/2019	ND	2.19	110	2.00	1.83			
Toluene*	424	5.00	02/04/2019	ND	2.10	105	2.00	2.97			
Ethylbenzene*	226	5.00	02/04/2019	ND	2.06	103	2.00	3.15			
Total Xylenes*	229	15.0	02/04/2019	ND	5.99	99.8	6.00	0.740			
Total BTEX	1030	30.0	02/04/2019	ND							
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9								
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	8260	16.0	02/02/2019	ND	400	100	400	7.69			
TPH 8015M	mg	/kg	Analyzed By: MS						S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	5310	50.0	02/01/2019	ND	210	105	200	4.32			
DRO >C10-C28*	8520	50.0	02/01/2019	ND	210	105	200	0.805			
EXT DRO >C28-C36	1310	50.0	02/01/2019	ND							
Surrogate: 1-Chlorooctane	230	% 41-142	2								
Surrogate: 1-Chlorooctadecane	286	% 37.6-14	7								

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		EOG Y RESC	URCES, INC		
		CHASE SETT	LE		
		105 SOUTH	4TH STREET		
		ARTESIA NM	1, 88210		
		Fax To:	(575) 748-4131		
Received:	01/30/2019			Sampling Date:	01/29/2019
Reported:	02/06/2019			Sampling Type:	Soil
Project Name:	JACKSON B #57			Sampling Condition:	Cool & Intact
Project Number:	2RP-5149			Sample Received By:	Tamara Oldaker
Project Location:	JACKSON B #57				

Sample ID: #1 - 13' (H900337-04)

BTEX 8021B	mg	/kg	Analyze	d By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	94.4	5.00	02/04/2019	ND	2.19	110	2.00	1.83		
Toluene*	347	5.00	02/04/2019	ND	2.10	105	2.00	2.97		
Ethylbenzene*	210	5.00	02/04/2019	ND	2.06	103	2.00	3.15		
Total Xylenes*	216	15.0	02/04/2019	ND	5.99	99.8	6.00	0.740		
Total BTEX	867	30.0	02/04/2019	ND						
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9							
Chloride, SM4500Cl-B	mg	/kg	Analyze							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720 16.0		02/02/2019	ND	400	100	400	7.69		
TPH 8015M	mg/kg		Analyzed By: MS					S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	4700	50.0	02/01/2019	ND	210	105	200	4.32		
DRO >C10-C28*	8200	50.0	02/01/2019	ND	210	105	200	0.805		
EXT DRO >C28-C36	1200	50.0	02/01/2019	ND						
Surrogate: 1-Chlorooctane	180	% 41-142	2							
Surrogate: 1-Chlorooctadecane	272	% 37.6-14	7							

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



2RP-5149

JACKSON B #57

Tamara Oldaker

Sample Received By:

Analytical Results For:

	EOG Y RES	SOURCES, INC		
	CHASE SET	TTLE		
	105 SOUTH	H 4TH STREET		
	ARTESIA N	IM, 88210		
	Fax To:	(575) 748-4131		
01/30/20)19		Sampling Date:	01/29/2019
02/06/20)19		Sampling Type:	Soil
JACKSON	NB#57		Sampling Condition:	Cool & Intact

Sample ID: #1 - 15' (H900337-05)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	183	5.00	02/04/2019	ND	2.19	110	2.00	1.83		
Toluene*	491	5.00	02/04/2019	ND	2.10	105	2.00	2.97		
Ethylbenzene*	265	5.00	02/04/2019	ND	2.06	103	2.00	3.15		
Total Xylenes*	264	15.0	02/04/2019	ND	5.99	99.8	6.00	0.740		
Total BTEX	1200	30.0	02/04/2019	ND						
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9							
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000 16.0		02/02/2019	ND	400	100	400	7.69		
TPH 8015M	mg	/kg	Analyzed By: MS					S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	6990	50.0	02/01/2019	ND	210	105	200	4.32		
DRO >C10-C28*	10900	50.0	02/01/2019	ND	210	105	200	0.805		
EXT DRO >C28-C36	1660	50.0	02/01/2019	ND						
Surrogate: 1-Chlorooctane	289	% 41-142	2							
Surrogate: 1-Chlorooctadecane	347	% 37.6-14	7							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Rece	elinauished by:	einquished by	tions:		4:54:0	9 PM	6 #1-15	#1-13'	3 #1-11'	7 #1-9 ⁱ	#1-7'	LAB # (lab use only) FIELD CO DE	ORDER # 4900337	(lab use only)	Sampler Signature:	Telephone No: 575-748-4171	City/State/Zip: Artesia, NM 88210	Company Address: 105 South 4th Street	Company Name EOG Y Resources Inc.	Project Manager: Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
	Date Date	Late 1-30-19	TPH EXTENDED NEEDED												5	0	38210	Street	rces Inc.		88240
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	Received by: Received by ELOT:	Received by:					1/29/2019	1/29/2019	1/29/2019	1/29/2019	1/29/2019	Date Sampled									(505) 393-2326 FAX (505) 393-2476
	9T	WAR ON					9:49 AM	9:43 AM	9:40 AM	9:36 AM	9:33 AM	Time Sampled			e-mail:	Fax No:					FAX (505) 393-
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	Date	Vate	-				+-	-				DW=Drinking Water SL=Sludge	H		@eogresources.com	ļ.	0	I.	I		STO
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-	S		<u>< 0 </u>		_	+	_			-		TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K)	-			at:	PO #:	Project Loc:	Project #:	Project Name:	CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
emp	amp by	ustor	abor ampl	\vdash		+		-			-	Anions (Cl, SO4, Alkalinity)			1	×					UND
Temperature Upon Receipt:	Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?									SAR / ESP / CEC	TOTAL:	TCLP:		X Standard	205-0750		2RP-5149		AN.
re C	ind [rier?	eals of the second	v Co ontaii									Metals: As Ag Ba Cd Cr Pb Hg	(100 A)			ndaı	50		149		ALY
S PON	Clien	ainer on cc	ners lead									Volatiles		Analyze		ď					SIS
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eipt:		ner(s (s)	e'.	\vdash			×	×	×	×	×	BTEX: 8021B RCI		-17				Jackson B #57		ackson	QU
w?	DHL	-		\vdash	_	+ +	+-				-	N.O.R.M.		-		TRRP		B		ω	EST
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	Lone		in the second											1] NPDES					
റ്	N N Star	zzz	zz									RUSH TAT (Pre-Schedule) 24,	48, 72 hrs			DES					
1919							×	×	×	×	×	Standard TAT	1								

Released to Imaging: 3/22/2024 8:59:38 AM



October 31, 2023

Page 337 of 368

Appendix C Bore Logs

energy opportunity growth

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LOCATION: Eddy County, New Mexico

STRATIGRAPHIC LOG (OVERBURDEN)

Page 1 of 2

CB-1 HOLE DESIGNATION: DATE COMPLETED: 19 April 2023 DRILLING METHOD: ks

FIELD PERSONNE	- I	Spar
I ILLU I LINGOININL	L. D.	Opan

	DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH		1	SAMF	PLE	
	ft BGS		BGS	ER	VAL	(%	Ш.	
3/5/23	2 4 6 10 12 14 16 20 22 24 26 24 26 30 32 34 36 38 40 42 44			NUMBER	INTERVAL	REC (%)	'N" VALUE	
;; ;;	_	100% very fine sand; light brown.						
Dat	2							
99	_		1					
N N N N	4							
BUR	-							
VER	0							
o Ë								
Gebo	_							
9	10	100% very fine sand; light brown.	10.00	CB-1A (10 ft)	1			
0.6 8	- - 12							
>								
NVIR	14							
ш́Г Д	-	90% very fine sand; rusty brown. 10% clay; rusty brown.	15.00	CB-1A (15				
히	— 16 							
File	_ 18							
brary								
	20	100% very fine sand; rusty brown.	20.00	CB-1A (20 ft)	1			
GPJ								
2023	_ 22							
'A-05	24							
N-06	-	100% very fine sand; rusty brown.	25.00	CB-1A (25 ft)				
5660	26							
E/12	- - 							
BAS								
ATA	30	100% very fine sand; rusty brown.	30.00	CB-1A (30 ft)				
190	_	ייני איז איז איז איז איז איז איז איז איז אי						
Ī	— 32 							
19H	_ 34							
E C		100% you find cond: bright ructy brown	35.00	CB-1A (35 ft)				
26090	36	100% very fine sand; bright rusty brown.						
1256								
1262	- 38							
CTS			40.00	CB-1A (40				
SOL	-	100% very fine sand; rusty brown.		ft)				
ID/P	42							
JLAN								
S/MIC	44 		45.00	CB-1A (45				
Ĩ	- 46	100% very fine sand; rusty brown.		ft)				
Ъ	-							
- N L		، ::) NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION 1	ABLE	I	1			
힝								
File		CHEMICAL ANALYSIS						
				_	_	_		_



LOCATION: Eddy County, New Mexico

STRATIGRAPHIC LOG (OVERBURDEN)

Page 2 of 2

HOLE DESIGNATION: CB-1 DATE COMPLETED: 19 April 2023 DRILLING METHOD: FIELD PERSONNEL: D. Sparks

DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH			SAMF	νLE	
ft BGS		BGS	NUMBER	INTERVAL	REC (%)	'N" VALUE	
1000			N N N	INTE	RE	N	
F		50.00	CB-1A (50				
- 50	90% very fine sand; rusty brown. 10% clay; rusty brown	50.00	CB-1A (50 ft)				
92 - 54 	90% very fine sand; rusty brown. 10% clay; rusty brown	55.00	CB-1A (55 ft)	790			
56	30 % very line sand, rusty brown. 10 % day, rusty brown						
	50% very fine sand; rusty brown. 50% clay; rusty brown	60.00	CB-1A (60 ft)	94			
		65.00	CB-1A (65				
	50% very fine sand; rusty brown. 50% clay; rusty brown	65.00	CB-1A (65 ft)				
68							
70 	80% very fine sand; rusty brown. 20% clay; rusty brown	70.00	CB-1A (70 ft)				
720							
671190 1 76	END OF BOREHOLE @ 75.00ft BGS	75.00	CB-1A (75 ft)				
31							
80							
90							
10 - 92							
	NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TA	BLE	1				
	CHEMICAL ANALYSIS						

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LOCATION: Eddy County, New Mexico

STRATIGRAPHIC LOG (OVERBURDEN)

Page 1 of 2

CB-2 HOLE DESIGNATION: DATE COMPLETED: 19 April 2023 DRILLING METHOD: ks

FIELD PERSO	ONNEL:	D.	Sparl
		υ.	opun

	DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS		SAN			PLE	
	ft BGS		BGS	В	٨AL	(%	Ш	
с С				NUMBER	INTERVAL	REC (%)	'N" VALUE	
LOG Date: 18/5/23				ž	_N	Я	Ž.	
ë	_	100% very fine sand; rusty brown.						
<mark>ہ</mark>	2							
	4 							
BB	- 6							
GLB Report: OVERBURDEN	_							
ÿ	8							
S.	10		10.00	CB-2A (10 ft)				
E.	_	80% very fine sand; rusty brown. 20% clay; rusty brown						
08	12							
ENVIRO	 14							
		80% very fine sand; rusty brown. 20% clay; rusty brown	15.00	CB-2A (15 ft)				
Library File: GHD	- 16							
Eile	 18							
orary								
	20	80% very fine sand; rusty brown. 20% clay; rusty brown	20.00	CB-2A (20 ft)				
GD								
52023.	- 22							
A-0	24							
2-060		90% very fine sand; rusty brown. 10% clay; rusty brown	25.00	CB-2A (25				
2566090								
SEI 1	- 28							
DATABASE	_			CB-24 (30				
AD D	30	90% very fine sand; rusty brown. 10% clay; rusty brown	30.00	CB-2A (30				
090/TECH/GINT/LOG								
ND/	_							
핊	34		35.00	CB-2A (35				
060		100% very fine sand; rusty brown.	. 35.00	ft)				
2566	-							
562/1	38							
CTS	40		40.00	CB-2A (40 ft)				
Ş		80% very fine sand; rusty brown. 20% clay; rusty brown		π)				
	42							
MIDLAND/PROJECTS/562/12566	_ 44							
<u>ଜ</u> ା	-		45.00	CB-2A (45				
P	- 46	100% very fine sand; rusty brown.		-u				
File: \\GHDNET\GHD\L	-							
NOH		NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION	ABLE					
≌ ⊰								
Ē		CHEMICAL ANALYSIS						

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	-

LOCATION: Eddy County, New Mexico

STRATIGRAPHIC LOG (OVERBURDEN)

Page 2 of 2

CB-2 HOLE DESIGNATION: DATE COMPLETED: 19 April 2023 DRILLING METHOD: ks

FIELD PERSONNEL:	D.	Spark
------------------	----	-------

	DEPTH	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH			SAMF	PLE	
	ft BGS		BGS	L L L L L	VAL	(%)	Ш	
3				NUMBER	INTERVAL	REC (%)	'N" VALUE	
18/5/2		P-1		z	Z	Ľ	ż	
ate:	-			<u>, , , , , , , , , , , , , , , , , , , </u>				
	50	END OF BOREHOLE @ 50.00ft BGS	50.00	CB-2A (50 ft)				
EN								
URD URD								
VER	- 50 - 52 - 54 - 56 - 58 - 60 - 62							
ü								
Rep								
S.GLB	-							
Š	- 60							
NVIR	- 62							
말	- 61							
<u>ю</u>	- 04							
ary Fi	- 66							
Libr								
GPJ	-							
52023	- 70							
WA-0	- 72							
0609	- - 74							
\1256								
BASE	- 76							
DATA	- 78							
LNI D								
HOH!	- 82							
T/0608								
12566	-							
S\562\	- 86 -							
Щ Ц Ц								
PRO								
LAND								
OIW/S	- 92							
Ň P P	- 94							
IET/G								
GHD	- 64 - 66 - 70 - 72 - 74 - 76 - 78 - 80 - 82 - 84 - 86 - 88 - 90 - 92 - 94	NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TA	ABLE					
ile: //		CHEMICAL ANALYSIS						
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BORE LOG

PROJECT NAME: Jackson B #57 LOCATION: 32.861345, -103.926872 IDENTIFICATION: 1-1C

DEPTH FEET BGS	SOIL CHARACTERISTICS	SAMPLE BGS	SAMPLE ID	MOISTURE
0				
5	Fine sand, light brown 0-15', High odor			
10		10	1-1C-10	
15		15	1-1C-15	_
20	Fine sand, small amount of clay, reddish brown 15-30', High odor	20	1-1C-20	_
25		25	1-1C-25	_
30		30	1-1C-30	-
35		35	1-1C-35	_
40		40	1-1C-40	None
45	Fine sand, light brown 35-55, Mid to Low odor	45	1-1C-45	
50		50	1-1C-50	
55		55	1-1C-55	_
60	Fine sand, brown 55-75', 60' strong odor, 75' none bit dropped fast about 64' blowing past 65 & 70 points, boring ended at 75 feet	60	1-1C-60	_
65				-
70				-
75		75	1-1C-75	
80				
85				
90				
95				
100				
105				
110				
115				
120				
125				
130				
135				
140				
145				
150				



BORE LOG

PROJECT NAME: Jackson B #57 LOCATION: 32.861356, -103.926878 IDENTIFICATION: 1-2C

DEPTH FEET BGS	SOIL CHARACTERISTICS	SAMPLE BGS	SAMPLE ID	MOISTURE
0				
5	Fine sand, light brown 0-15', High odor			
10		10	1-2C-10	_
15		15	1-2C-15	_
20		20	1-2C-20	_
25		25	1-2C-25	-
30		30	1-2C-30	_
35	Fine sand, clay dispersed in areas, reddish brown 15-60', Mid to	35	1-2C-35	_
40		40	1-2C-40	None
45		45	1-2C-45	_
50		50	1-2C-50	_
55		55	1-2C-55	_
60		60	1-2C-60	_
65	Fine sand, brown 55-75', 60' strong odor, 75' none	65	1-2C-65	_
70	boring ended at 75'	70	1-2C-70	_
75		75	1-2C-75	
80				
85				
90				
95				
100				
105				
110				
115				
120				
125				
130				
135				
140				
145				
150				

Seog resources

BORE LOG

PROJECT NAME: Jackson B #57 LOCATION: 32.861299, -103.927152 IDENTIFICATION: 2-1C

DEPTH FEET BGS	SOIL CHARACTERISTICS	SAMPLE BGS	SAMPLE ID	MOISTURE
0				
5				
10		10	2-1C-10	
15		15	2-1C-15	
20		20	2-1C-20	
25		25	2-1C-25	
30		30	2-1C-30	None
35	Fine Sand, Reddish brown, 25-50', No odor, boring ended at 50'	35	2-1C-35	
40		40	2-1C-40	
45		45	2-1C-45	
50		50	2-1C-50	
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				
105				
110				
115				
120				
125				
130				
135				
140				
145				
150				

BORE LOG

PROJECT NAME: Jackson B #57 LOCATION: 32.861309, -103.927154 IDENTIFICATION: 2-2C

🕉 eog resources

DEPTH FEET BGS	SOIL CHARACTERISTICS	SAMPLE BGS	SAMPLE ID	MOISTURE
0				
5	Fine Sand, Brown, 0-20', Mid to High odor, will not meet closure criteria, boring ended at 20'			
10		10	2-2C-10	None
15		15	2-2C-15	
20		20	2-2C-20	
25				
30				
35				
40				
45				
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				
105				
110				
115				
120				
125				
130				
135				
140				
145				
150				

Jackson B #57 Closure Report nAB1900435050



October 31, 2023

Appendix D Site Photographs

energy opportunity growth

Received by OCD: 11/1/2023 4:54:09 PM



Area 1- east side of road



Area 2- west side of road Released to Imaging: 3/22/2024 8:59:38 AM Jackson B #57 Closure Report nAB1900435050



October 31, 2023

Appendix E Agency Correspondence

energy opportunity growth

From:	<u>Tina Huerta</u>
То:	ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Jackson B 57 (NAB1900435050 / 2RP-5149) Sampling Notification
Date:	Friday, September 22, 2023 9:55:01 AM
Attachments:	image001.png

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Jackson B 57 L-1-17S-30E Eddy County, NM NAB1900435050 / 2RP-5149

Sampling will begin at 9:45 a.m. on Tuesday, September 26, 2023, and continue through Friday, September 29, 2023.

Thank you,

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

deog resources Artesia Division

From:	Tina Huerta
То:	ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Jackson B 57 (NAB1900435050 & 2RP-5149) Sampling Notification
Date:	Friday, April 14, 2023 9:19:29 AM
Attachments:	image001.png

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Jackson B 57 L-1-17S-30E Eddy County, NM NAB1900435050 & 2RP-5149

Sampling will begin at 7:00 a.m. on Wednesday, April 19, 2023, and continue through Thursday, April 20, 2023.

Thank you,

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

deog resources Artesia Division

From:	Tina Huerta
То:	ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Jackson B #57 (NAB1900435050 / 2RP-5149) Sampling notification
Date:	Friday, November 11, 2022 11:13:08 AM
Attachments:	image001.png

Good Morning,

We just received notification due to one call issues the below sampling event has changed to 8:00 a.m. on Tuesday, November 15, 2022.

Sorry for any inconvenience this may cause.

Thank you.

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, November 7, 2022 12:01 PM
To: ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Jackson B #57 (NAB1900435050 / 2RP-5149) Sampling notification

Good Morning,

We just received notification that it has been determined that this sampling event will be completed Friday, November 11, 2022.

Sorry for any inconvenience this may cause.

Thank you,

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



Amber Griffin

From: Miriam Morales <<u>Miriam_Morales@eogresources.com</u>>
Sent: Thursday, November 3, 2022 8:13 AM
To: <u>ocd.enviro@emnrd.nm.gov</u>; CFO_Spill, BLM_NM <<u>blm_nm_cfo_spill@blm.gov</u>>

Cc: Artesia S&E Spill Remediation <<u>Artesia_S&E_Spill_Remediation@eogresources.com</u>>; Artesia Regulatory <<u>Artesia_Regulatory@eogresources.com</u>> Subject: Jackson B #57 (NAB1900435050 / 2RP-5149) Sampling notification

Good afternoon,

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

Jackson B #57 L-1-17S-30E Eddy County, NM NAB1900435050 / 2RP-5149

Sampling will begin at 8:00 a.m. on Tuesday, November 8, 2022.

Thank you,

Miriam Morales

From:	Miriam Morales
To:	ocd.enviro@emnrd.nm.gov; CFO Spill, BLM NM
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Jackson B #57 (NAB1900435050 / 2RP-5149) Sampling notification
Date:	Thursday, November 3, 2022 8:13:26 AM

Good afternoon,

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

Jackson B #57 L-1-17S-30E Eddy County, NM NAB1900435050 / 2RP-5149

Sampling will begin at 8:00 a.m. on Tuesday, November 8, 2022.

Thank you,

Miriam Morales

From:	Chase Settle	
To:	Hamlet, Robert, EMNRD; "Venegas, Victoria, EMNRD"	
Cc:	Katie Jamison; Bob Asher; "blm nm cfo spill@blm.gov"	
Subject:	Sampling Notification (2RP-5149)	
Date:	Tuesday, October 20, 2020 10:33:00 AM	
Attachments:	image001.png	

EOG Resources, Inc. respectfully submits notification of confirmation sampling at the below listed location. Sampling will occur at 8:00 a.m. on Monday, October 26, 2020.

Jackson B #57 L-1-17S-30E Eddy County, NM 2RP-5149

Thank you,

Chase Settle

Rep Safety & Environmental II

EOG Resources

105 S. 4th Street Artesia, NM 88210 575-748-4171 (Office) 575-703-6537 (Cell)



From:	Katie Jamison
То:	Hamlet, Robert, EMNRD
Subject:	RE: Jackson B #57 Remediation Extension Request 2RP-5149
Date:	Wednesday, November 6, 2019 3:58:58 PM
Attachments:	image001.png image002.png

Thank you, Rob. We appreciate your direction and we will keep you up-to-date as we progress.

Have a great week,

Katie Jamison

Safety & Environmental Manager EOG Resources, Inc – Artesia NM Division 105 S. Fourth Street Artesia, NM 88210

Cell: 575-513-9915 Office: 575-748-4193



From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Wednesday, November 6, 2019 1:25 PM
To: Katie Jamison <Katie_Jamison@eogresources.com>
Cc: blm_nm_cfo_spill@blm.gov; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>
Subject: RE: Jackson B #57 Remediation Extension Request 2RP-5149

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

RE: 2RP-5149

Katie,

Your request for an extension to November 31st, 2020 is approved.

The improvement in the deeper depths, 55 and 60 feet bgs is good news. Please move forward with the Remediact solution in the confirmation sample boreholes at the shallower depths. The request to reduce the number of confirmation sample points in each of the two areas down to 1 rather than 2 is approved. The limited space to complete the completion sampling without damaging the treatment wells and active flow lines is a viable explanation. Please keep us informed on the progression of the project.

Thank you,

Robert J Hamlet State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 748-1283 Robert.Hamlet@state.nm.us

From: Katie Jamison <<u>Katie_Jamison@eogresources.com</u>>
Sent: Monday, November 4, 2019 1:11 PM
To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Venegas, Victoria, EMNRD
<<u>Victoria.Venegas@state.nm.us</u>>
Cc: blm_nm_cfo_spill@blm.gov
Subject: [EXT] Jackson B #57 Remediation Extension Request 2RP-5149

Ms. Venegas/Mr. Hamlet,

Please find attached a Remediation Extension Request for the below listed location. Initial sample data and confirmation sample data have been compiled into a table to show the comparison results prior to and after treatment with Liquid Remediact. We have omitted the actual laboratory reports to save file space, but will provide all actual laboratory reports with the Closure Report that will be submitted once the project is complete.

Jackson B #57 L-1-17S-30E Eddy County, NM 2RP-5149

If you have any questions, do not hesitate to contact me.

Sincerely,

Katie Jamison

Safety & Environmental Manager EOG Resources, Inc – Artesia NM Division

105 S. Fourth Street Artesia, NM 88210

Cell: 575-513-9915 Office: 575-748-4193



Chase Settle Rep Safety & Environmental II

EOG Resources 105 S. 4th Street Artesia, NM 88210 575-748-4171 (Office) 575-703-6537 (Cell)



From:	Chase Settle
То:	"Venegas, Victoria, EMNRD"; "Hamlet, Robert, EMNRD"; Jim Amos
Cc:	Katie Jamison; Bob Asher
Subject:	Sampling Notification: Jackson B #57 (2RP-5149)
Date:	Thursday, October 10, 2019 1:45:00 PM
Attachments:	image001.png

Ms. Venegas/Mr. Hamlet,

EOG Resources, Inc. respectfully submits notification of confirmation sampling to be conducted at the below location. A core rig is contracted to begin sampling on Tuesday, October 15, 2019, with an anticipated start time of 8:00 a.m. If you have any questions feel free to contact me.

Jackson B #57 L-1-17S-30E Eddy County, NM 2RP-5149

Thank you,

Chase Settle Rep Safety & Environmental II

EOG Resources

105 S. 4th Street Artesia, NM 88210 575-748-4171 (Office) 575-703-6537 (Cell)



From:	Venegas, Victoria, EMNRD	
То:	Chase Settle; Hamlet, Robert, EMNRD	
Cc:	Jim Amos; Katie Jamison; Bob Asher; Yvette Moore	
Subject:	RE: Extension Request- Jackson B #57 (2RP-5149)	
Date:	Thursday, August 8, 2019 11:25:17 AM	
Attachments:	image001.png	

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RE: Extension Request- Jackson B #57 (2RP-5149)

Mr. Settle, Your request for extension to November 1, 2019 is approved. Thank you,

Victoria Venegas EMNRD OCD-District II 811 S First St. Artesia NM 88210 <u>Victoria.Venegas@state.nm.us</u>

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Chase Settle <Chase_Settle@eogresources.com>

Sent: Thursday, August 8, 2019 9:23 AM

To: Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Cc: Jim Amos <jamos@blm.gov>; Katie Jamison <Katie_Jamison@eogresources.com>; Bob Asher <Bob_Asher@eogresources.com>; Yvette Moore <Yvette_Moore@eogresources.com> **Subject:** Extension Request- Jackson B #57 (2RP-5149)

Ms. Venegas/Mr. Hamlet,

EOG Resources, Inc. respectfully requests an extension on the remediation work for the below site. The current extension was to run through August 20, 2019, however bioremediation treatment wasn't completed at the site until July 14, 2019, after vertical delineation and installation of the treatment wells was completed. We would like to get an extension to November 1, 2019, this would allow 90 days for the treatment of soils to occur and a little under 3 weeks to complete soil confirmation testing and complete the report to NMOCD.

Jackson B #57 L-1-17S-30E Eddy County, NM 2RP-5149

Thank you,

Chase Settle, M.S. Rep Safety & Environmental II

EOG Resources

105 S. 4th Street Artesia, NM 88210 575-748-4171 (Office) 575-703-6537 (Cell)



From:	Amos, James
То:	Chase Settle
Subject:	Re: [EXTERNAL] Extension Request- Jackson B #57 (2RP-5149)
Date:	Thursday, August 8, 2019 11:11:06 AM
Attachments:	image001.png

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Chase, The BLM is okay with the extension. Keep us in the loop. Thanks

On Thu, Aug 8, 2019 at 9:23 AM Chase Settle <<u>Chase Settle@eogresources.com</u>> wrote:

Ms. Venegas/Mr. Hamlet,

EOG Resources, Inc. respectfully requests an extension on the remediation work for the below site. The current extension was to run through August 20, 2019, however bioremediation treatment wasn't completed at the site until July 14, 2019, after vertical delineation and installation of the treatment wells was completed. We would like to get an extension to November 1, 2019, this would allow 90 days for the treatment of soils to occur and a little under 3 weeks to complete soil confirmation testing and complete the report to NMOCD.

Jackson B #57

L-1-17S-30E

Eddy County, NM

2RP-5149

Thank you,

Chase Settle, M.S.

Rep Safety & Environmental II

EOG Resources

105 S. 4th Street

Artesia, NM 88210

575-748-4171 (Office)

575-703-6537 (Cell)



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James A. Amos Bureau of Land Management Carlsbad Field Office Supervisory Petroleum Engineering Tech 620 East Greene Street Carlsbad, NM. 88220 Office: (575) 234-5909 Fax: (575) 234-5927 Cell: (575) 361-2648 E-mail: jamos@blm.gov

From:	Katie Jamison
То:	Chase Settle; Bob Asher; Yvette Moore
Subject:	FW: Extension Approval - EOG Resources-Artesia - Jackson B #57 (2RP-5149)
Date:	Tuesday, May 14, 2019 10:39:24 AM
Attachments:	image001.png

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, May 14, 2019 10:38 AM
To: Katie Jamison <Katie_Jamison@eogresources.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>
Subject: Extension Approval - EOG Resources-Artesia - Jackson B #57 (2RP-5149)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

RE: 2RP-5149

Katie,

Your request for an extension to August 20th, 2019 is approved.

Thank you,

Robert J Hamlet State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 840-5963 <u>Robert.Hamlet@state.nm.us</u>

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Katie Jamison <<u>Katie_Jamison@eogresources.com</u>>
Sent: Tuesday, May 14, 2019 10:32 AM
To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Venegas, Victoria, EMNRD

<<u>Victoria.Venegas@state.nm.us</u>>

Cc: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>> **Subject:** [EXT] Extension Request: EOG Resources-Artesia, Jackson B #57 Remediation Plan (2RP-5149)

Hi Rob,

We just received BLM approval to move forward with the Jackson B #57 Remediation Plan (2RP-5149), which NMOCD approved on March 1, 2019. Since it took over 60 days to get approval from BLM, we would like to request an extension for the completion of the remediation plan. We would like to request 120 days from Monday, May 20, 2019, so that we can get the core rig back on the schedule and finish getting all the equipment needed to complete the downhole remediation ordered.

Thank you,

Katie Jamison

Safety & Environmental Manager EOG Resources, Inc – Artesia NM Division 105 S. Fourth Street Artesia, NM 88210

Cell: 575-513-9915 Office: 575-748-4193



From:	Chase Settle
To:	<u>"Hamlet, Robert, EMNRD"</u>
Cc:	Bratcher, Mike, EMNRD; Venegas, Victoria, EMNRD; Katie Jamison
Subject:	Jackson B #57_2RP-5149 Update
Date:	Wednesday, April 3, 2019 2:27:00 PM
Attachments:	image001.png

Rob,

I wanted to provide a brief update to the Jackson B #57 project. We currently have not begun this work. We have been unable to get Bureau of Land Management (BLM) clearance for the approved work plan although we have submitted it and sent multiple emails requesting their guidance. Once we get approval from BLM to move forward with the work plan I will send you notification.

Thank you,

Chase Settle, M.S. Rep Safety & Environmental II

EOG Resources

105 S. 4th Street Artesia, NM 88210 575-748-4171 (Office) 575-703-6537 (Cell)



From:	Hamlet, Robert, EMNRD
То:	Katie Jamison
Cc:	<u>yjimenez@blm.gov; Chase Settle; Weaver, Crystal; Bratcher, Mike, EMNRD; Venegas, Victoria, EMNRD</u>
Subject:	Remediation Plan: Approval, EOG Resources-Artesia, Jackson B #57 (2RP-5149) 12-1-2018
Date:	Friday, March 1, 2019 3:49:29 PM
Attachments:	image001.png
	Jackson B #57_2RP-5149_Work Plan (Appproval).pdf

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Katie and Chase,

We have received your work plan for <u>2RP-5149</u> Jackson B #57, thank you. This work plan is approved.

Please let me know if you have any further questions. Regards,

Robert J Hamlet State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 840-5963 <u>Robert.Hamlet@state.nm.us</u>

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Katie Jamison <Katie_Jamison@eogresources.com>
Sent: Wednesday, February 27, 2019 3:47 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD
<Robert.Hamlet@state.nm.us>; Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>
Cc: yjimenez@blm.gov; Chase Settle <Chase_Settle@eogresources.com>
Subject: [EXT] Remediation Plan: 2RP-5149, EOG Resources-Artesia, Jackson B #57

Good Afternoon Rob and Victoria,

EOG Resources – Artesia respectfully submits the attached remediation plan for the following site:

2RP-5149

Jackson B #57 L-1-17S-30E Eddy County, NM

If you have any questions or concerns, please feel free to contact me.

Sincerely,

Katie Jamison

Safety & Environmental Manager EOG Resources, Inc – Artesia NM Division 105 S. Fourth Street Artesia, NM 88210

Cell: 575-513-9915 Office: 575-748-4193



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

	OGRID:
EOG RESOURCES INC	7377
	Action Number:
Midland, TX 79706	281977
	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

Created By Condition Condition Date crystal.walker 3/22/2024 None

Action 281977

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