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Oil Conservation Division

Incident ID	nAPP2110638434
District RP	
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Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) 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. Title: Rep Safety & Environmental Sr Amber Griffin Printed Name: Signature: Amber Griffin Date: 11/21/2022 Telephone: <u>575</u>-748-1471 email: <u>Amber Griffin@eogresources.com</u> **OCD Only** Received by: Robert Hamlet Date: 2/22/2023 Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: <u>Robert Hamlet</u> Date: <u>2/22/2023</u> Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

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Incident ID	nAPP2110638434
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Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nAPP2110638434
Contact mailing address 104 S. 4th Street, Artesia, NM 88	3210

Location of Release Source

Latitude 32.85813

Longitude -103.92532

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Jackson B #17	Site Type Flow Line
Date Release Discovered 04/12/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
0	1	17S	30E	Eddy

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Histor and d	ical impacts discovered along the flow line du ate are unknown.	ring the P&A of the well. Release volume

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Was this a major release as defined by 19.15.29.7(A) NMAC? □ Yes ☑ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
\square The source of the rele	ease has been stopped.
The impacted area ha	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	coverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Chase Settle

Title:	Rep	Safety	&	Environmental Sr
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Signature: Than Settle

Date: 04/16/2021

Telephone: 575-748-1471

email: Chase_Settle@eogresources.com

OCD Only

Received by:

Date:

Oil Conservation Division

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Incident ID	nAPP2110638434	
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Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
 Field data
- $\overline{\nabla}$ Data table of soil contaminant concentration data
- \checkmark Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- 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.

	022 1:25:01 PM State of New Mexico			Page 5 of
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age 4	Oil Conservation Divis	ion	District RP	
			Facility ID	
			Application ID	
public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations.	required to report and/or file certain releas ment. The acceptance of a C-141 report by gate and remediate contamination that pose of a C-141 report does not relieve the operat Settle	the OCD does not relieve t a threat to groundwater, sur tor of responsibility for com	ne operator of liability sh face water, human health	nould their operations have n or the environment. In ederal, state, or local laws
Printed Name: Chase S Signature: Chase email: Chase_Settle@	Settle Deogresources.com	Date: 05/12/202 Telephone: 575-7	22	

Received by OCD: 11/21/2022 1:25:01 PM Form C-141 State of New Mexico

Oil Conservation Division

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

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Remediation Plan

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points \square Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: Rep Safety & Environmental Sr Printed Name: Chase Settle Signature: Chase Settle Date: 05/12/2022 email: Chase_Settle@eogresources.com Telephone: 575-748-1471 **OCD Only** Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

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Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) 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. Title: Rep Safety & Environmental Sr Printed Name: <u>Amber Griffin</u> Signature: Amber Griffin Date: 11/21/2022 Telephone: 575-748-1471 email: <u>Amber Griffin@eogresources.com</u> **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: _____

701 Tradewinds Boulevard, Suite C Midland, Texas 79706 Tel. 432.685.3898 www.ntglobal.com



November 21, 2022

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

Re: Site Closure Report Jackson B #17 Flowline Area #2 EOG Resources Inc. Incident ID: nAPP2110638434 O-01-17S-30E, Eddy County, New Mexico

To whom it may concern:

1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of EOG Resources (EOG), submits this Site Closure Report to the New Mexico Oil Conservation Division (NMCOD) District 2 Office. This report provides documentation of delineation, sampling, remedial activities, and analyses that was conducted in the affected area at the EOG Jackson B #17 Flowline Area #2 Release Site (Site). The Site is located in Unit Letter O, Section 01, of Township 17 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.85813° N latitude and -103.92532° W longitude. The release occurred on land managed by the Bureau of Land Management (BLM). Figures 1 and 2 depict the Site location. The EOG flowline area and other site details are depicted on Figure 3.

2. Background

A C-141, Release Notification, for this release was submitted to the NMOCD on April 16, 2021. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG well plugging and site abandonment activities associated with this location. Soils within the former flowline area appeared to be discolored and after discussions between field personnel and environmental staff, EOG made the decision to file a C-141 for this suspect release location.

GHD Services, Inc. (GHD) prepared an Amended Site Characterization and Remediation Work Plan dated May 10, 2022 which was submitted to the NMOCD for approval. The Amended Site Characterization and Remediation Work Plan was approved by the NMOCD on August 25, 2022. The Release Notification, Site Assessment/Characterization, Remediation Plan, Closure portions of Form C-141 for incident Number nAPP2110638434 are attached to the front of this report.

3. Groundwater and Site Characterization

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

On May 18, 2021, Talon LPE (Talon) installed a temporary well, Jackson B #59 Temp Well, at the following GPS Coordinates, 32.85697 N Latitude and 103.92703 W longitude to approximately one hundred-twenty-five (125) feet below ground surface which is located within one half (0.5) mile from the Site. The Jackson B #59 Temp Well was left open for seventy-two (72) hours and a water level meter was utilized to determine the presence or absence of groundwater. No groundwater was detected, and the temporary well was plugged and abandoned. Depth to groundwater for this Site is greater than one hundred (100) feet below ground surface. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area of low karst potential with depth to groundwater greater than one hundred (100) feet and meets the Closure Criteria for depth to groundwater greater than one hundred (100) feet in Table I in NMAC 19.15.29.12. The Site characterization documentation (Talon's Temporary Well Log, Karst Potential, FEMA, Points of Diversion and Wetlands maps) are provided in Attachment D. The soil Closure Criteria are listed below:

General Site Characterization and Groundwater:

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

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

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

4. Initial Soil Delineation Assessment Summary and Findings

On April 20, 2021, an EOG representative, installed ten (10) test pits, A2-1 through A2-10, within the suspected impacted area. Soil samples were collected at depths ranging from Surface to ten (10) feet below ground surface. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico. Analytical results indicated TPH concentrations above 2,500 mg/kg in all soil samples at varying depths. None of the samples exhibited benzene, BTEX, or chloride concentrations above Table I Closure Criteria.

On May 25, 2021, GHD and EOG's contractor BDS Enterprises, LLC (BDS), on behalf of EOG, installed test pits in the areas of A2-1 through A2-10 to obtain deeper samples and assess the vertical extent of impacts. Additionally, two (2) additional test pits, TP-1 and TP-2, and three (3) hand auger borings (HA1 through HA3) were installed around the suspected affected area to assess the horizontal impacts. The test pit locations were excavated to depths ranging from surface to approximately twenty (20) feet below ground surface. Soil samples were collected from varying depths of the test pits and field screened for chloride and hydrocarbons. Select samples were submitted to Hall in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated TPH concentrations were above Table 1 Closure Criteria in A2-1, A2-5, A2-6, and A2-10. None of the samples exhibited, benzene, BTEX, or chloride concentrations above Table I Closure Criteria.

On June 28, 2021, GHD returned to the site to install four (4) additional hand auger borings (HA4 through HA7) to fully delineate the horizontal extent of the release. Soil samples were collected at surface and two (2) feet below ground surface. The soil samples were submitted to Hall in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated none of the samples exhibited benzene, BTEX, TPH, or chloride concentrations above Table I Closure Criteria.

On July 21, 2021, GHD and Talon returned to the site with a drilling rig and met with Kinder Morgan who has a high-pressure pipeline running through the Site to discuss how to get the rig into the site without compromising the pipeline. The Kinder Morgan representative requested measurements and the weight of the drilling rig. While Talon worked on getting the requested information the drilling rig was relocated to another site. On July 22, 2021, the rig was moved to another EOG site, the Jackson B #17 Flowline Area #1, which is located approximately 265 feet to the northwest of the Site. After installing a boring at the Flowline Area #1 site the drill rig got stuck and had to be pulled out of the location. Since the Area #2 site is further off the road a decision was made that a different rig would need to be brought in to install the delineation boring.

While trying to schedule a different rig to come out to the site, Talon was notified by the New Mexico Office of the State Engineers (OSE) that they would need a permit to drill the boring. While waiting to obtain landowner approval required to obtain a permit, EOG requested an extension from the NMOCD on September 1, 2021. The extension request was denied by the NMOCD because an extension had already been granted.

Once the proper permits were obtained, GHD, Kinder Morgan, and Talon returned to the EOG Site on December 8, 2021, to install a boring in the A2-1 location for vertical delineation of TPH impacts. A boring was installed to a total approximate depth of thirty-five (35) feet below ground surface, and three (3) soil samples were collected at twenty-five (25), thirty (30), and thirty-five (35) feet below ground surface. The soil samples were submitted to Hall in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated none of the samples exhibited benzene, BTEX, TPH, or chloride concentrations above Table 1 Closure Criteria.

5. Excavation, Waste Management and Confirmation Sampling

On September 6, 2022, NTGE and Standard and Supply (SS) mobilized to the site to begin excavation activities. Soils within the first four (4) feet containing TPH and chloride exceedances of Table I Closure Criteria for 19.15.29.13 for restoration were excavated. On September 14, 2022, seven (7) composite confirmation bottom hole samples (BH-1 through BH-7), and seven (7) composite confirmation sidewall samples (SW-1 through SW-7) were collected and submitted to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015M, and chloride by EPA Method SM4500CI-B. Analytical results indicated one (1) bottom hole sample (BH-6) and four (4) sidewall samples (SW-2, SW-3, SW-4, and SW-6) exhibitied TPH and/or chloride concentrations above Table I Closure Criteria required by 19.15.29.12 and 19.15.29.13.

The areas represented by SW-2, SW-3, and SW-6 were further excavated due to the exceedances discussed above. On September 16, 2022, two (2) bottom hole composite confirmation samples (BH-8, BH-9) and four (4) sidewall composite confirmation samples (SW-2, SW-3, SW-6, and SW-8) were collected and submitted to Hall in Albuquque, New Mexico and analyzed for BTEX by 8021B, TPH by Method 8015D, and chloride by EPA Method 300. Analytical results indicated one (1) confirmation sample (SW-8) exhibited TPH exceedances above Table I Closure Criteria.

Between September 19 and September 30, 2022, excavation activities continued. The area represented by BH-6 was further excavated to ten (10) feet below ground surface and the sidewalls represented by SW-4 and SW-8 were also further excavated. On September 20, 2022 through September 30, 2022, fifteen (15) bottom hole confirmation samples (BH-6 and BH-10 through BH-21) and sixteen (16) sidewall composite confirmation samples (SW-4 and SW-8 through SW-22) were collected and submitted to Hall in Albuquerque, New Mexico or Cardinal in Hobbs, New Mexico and analyzed for BTEX, TPH, and chloride.

Analytical results indicated seven (7) confirmation samples exhibited TPH and/or BTEX concentrations above Table I Closure Criteria: SW-4, SW-8, SW-9, and SW-18 through SW-21). The area represented by SW-9, collected on September 20, 2022, was further excavated and another composite confirmation sample was collected on September 30, 2022. Confirmation sample SW-9 exhibited concentrations below Table I Closure Criteria.

NTGE and SS returned to the Site on October 3, 2022, to continue excavation activities. Between October 19 and November 4, 2022, ten (10) bottom hole confirmation samples (BH-22 through BH-31) and twentyseven (27) sidewall composite confirmation samples (SW-4A, SW-8S, SW-21A and SW-22 through SW-45) were collected and submitted to Cardinal in Hobbs, Mexico and analyzed for BTEX, TPH, and chloride. Included, were the areas represented by SW-18 through SW-20. These areas were further excavated to the south and east. New composte confirmation samples were collected from these areas, SW-25, SW-26 and SW-31 through SW-35. Final excavation depths ranged from four (4) to twenty-five (25) feet below grade. Analytical results of final composite confirmation samples indicated no exceedances above Table I Closure Criteria.

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

Waste Management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (WM-1-035), Lea Land, LLC facility located at MM 64, Highway 62/180 East, Carlsbad, NM, 88220. Approximately 2,175.78 tons of impacted soil were disposed at Lea Land, LLC, the waste manifest from September 19 through November 7, 2022, are available upon request and aren't included in this report due to the size of the file. A Daily Disposal Summary is provided as Table 2.

6. nAPP2110638434 Closure Request

The excavation will be backfilled with non-impacted material at a future date. Site characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, NTGE, on behalf of EOG, respectfully requests closure and no further regulatory actions for nAPP2110638434.

If you have any questions or comments concerning this Site Closure Report, please do not hesitate to contact our Midland office at (432) 766-1918.

Sincerely,

NTG Environmental

Rebecca Haskell

Becky Haskell Senior Project Manager

Encl. Figure 1 – Site Location Map
 Figure 2 – Area Map
 Figure 3 – Confirmation Sample Location Map
 Table 1 – Summary of Soil Analytical Data – Confirmation Samples

Table 2 – Daily Soil Disposal SummaryAttachment A – Photographic LogAttachment B – Confirmation Sampling NotificationsAttachment C – Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Chase Settle





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Table 1 Summary of Soil Analytical Data - Confirmation Samples Jackson B #17 Flowline Area #2 EOG Resources Eddy County, New Mexico

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										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (Cé	5 DRO (C10		MRO (C28-	Total	Chloride
		Depth			,	,		C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	Sample 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)
		(10.553)	((1 0, 0,	, 0, 0,	, 0, 0,	, 0, 0,	dwater 19.15.29	(0, 0,	(8/8/	(8/
			10 mg/kg				50 mg/kg	1		1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
	<u> </u>					tion Botton				_,		2,0008/8	
BH-1	9/14/2022	4	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10	16.0
BH-1 BH-2	9/14/2022	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	144	144	159	303	32.0
BH-3	9/14/2022	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	144	144	89.6	195.6	32.0
BH-4	9/14/2022	4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	570	570	450	1,020	16.0
BH-4 BH-5	9/14/2022	4	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	674	674	430	1,107	64.0
BH-5	9/14/2022 9/1 4/20 22		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0 <10.0	1,160	674	433	1,107	32.0
	9/14/2022	10	<0.024	<0.049	<0.049	<0.190	< 0.097	<4.9			<48	<48	<60
BH-6 BH-7	9/2//2022 9/14/2022	10 8	<0.024	<0.049	<0.049	<0.097	< 0.097	<4.9	<14 <10.0	<14 <10.0	<48	<48 <10	<60 1.100
	-1 1 -	4							<10.0 79			-	1
BH-8	9/16/2022	4 10	<0.025 <0.025	<0.049 <0.050	<0.049 <0.050	<0.099 <0.10	<0.10 <0.10	<4.9 <5.0	79 140	79 140	130 180	210 330	170
BH-9 BH-10	9/16/2022	10							260	-	180 680		<60 250
-	9/20/2022		<0.024	<0.048	< 0.048	< 0.096	< 0.096	<4.8		260		940	
BH-11	9/20/2022	10	<0.024	< 0.048	< 0.048	< 0.097	< 0.097	<4.8	220	220	500	720	240
BH-12	9/27/2022	6	<0.024	< 0.048	< 0.048	< 0.097	< 0.097	<4.8	470	470	1000	1,470	76
BH-13	9/27/2022	6	< 0.024	< 0.048	<0.048	< 0.097	< 0.097	<4.8	220	220	550	770	96
BH-14	9/27/2022	6	<0.025	<0.050	<0.50	<0.10	<0.10	<5.0	500	500	1100	1,600	180
BH-15	9/27/2022	4	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	410	410	1,000	1,410	140
BH-16	9/27/2022	4	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	650	650	870	1,520	430
BH-17	9/27/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	220	220	670	890	210
BH-18	9/27/2022	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	130	130	270	400	400
BH-19	9/27/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	250	250	300	550	1,200
BH-20	9/30/2022	25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	4,400
BH-21	9/30/2022	25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.4	29.4	<10	29.4	4,920
BH-22	10/19/2022	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	32.0
BH-23	10/19/2022	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	130	130	34.6	164.6	1,280
BH-24	10/28/2022	25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	232	232	37.8	269.8	1,400
BH-25	10/31/2022	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	<16.0
BH-26	11/2/2022	25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	2,840
BH-27	11/2/2022	25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	160
BH-28	11/4/2022	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	416
BH-29	11/4/2022	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	78.7	78.7	<10	78.7	320
BH-30	11/4/2022	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	116	116	17.1	133.1	288
BH-31	11/4/2022	4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	19.0	19.0	<10	19.0	272
					Confiri	mation Side	wall Sampl	es					
SW-1	9/14/2022	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10	32.0
S₩-2	9/14/2022	0-8	<0.050	<0.050	<0.050	<0:150	<0:300	<10.0	2,670	2,670	708	3,378	496
SW-2	9/16/2022	0-8	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<14	<14	<48	<48	<60
5₩-3	9/14/2022	0-8	<0:050	<0.050	<0:050	<0.150	<0.300	×10.0	1,940	1,940	620	2,560	800
SW-3	9/16/2022	0-8	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<15	<49	<49	<60
SW-4	9/14/2022	4-8	<0.050	<0.050	<0.050	<0.150	<0:300	<10.0	1,290	1,290	615	1,905	<16.0
SW-4	9/27/2022	4-8	<0.025	<0.050	<0.050	<0.099	<0.099	~5.0	1,900	1,900	2,500	4,400	~60
SW-4A	10/31/2022	4-8						<10.0	542	542	206	748	
	,, -0				1	1							

Table 1 Summary of Soil Analytical Data - Confirmation Samples Jackson B #17 Flowline Area #2 EOG Resources Eddy County, New Mexico

										ТРН			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C C-10)	5-DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Sample 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)
		(I Closure Cri				dwater 19.15.29			, <i>o, o,</i>
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SW-5	9/14/2022	0-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10	<16.0
5₩-6	9/14/2022	0-4	<0.050	<0.050	<0.050	<0:150	<0.300	~10.0	<10.0	<10.0	<10.0	<10	640
SW-6	9/16/2022	0-10	<0.024	<0.048	< 0.048	<0.096	<0.10	<4.8	<15	<15	<49	<49	<60
SW-7	9/14/2022	0-10	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10	352
S₩-8	9/16/2022	4-10	<0.024	<0.048	<0.048	<0.096	<0:10	×4.8	2,100	2,100	1,100	3,200	690
5₩-8	9/27/2022	4-10	<0.024	<0.049	<0.049	<0.698	<0.098	< 4.9	3,700	3,700	2,500	6,200	~60
SW-8A	10/31/2022	4-10						<10.0	82.0	82.0	30.4	112.4	
5₩-9	9/20/2022	4-10	<0.025	<0.050	<0.050	<0.10	<0:10	~5.0	1,700	1,700	1,100	2,800	980
SW-9	9/30/2022	4-10	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10	<10	<10	32.0
SW-10	9/20/2022	0-10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<14	<14	<47	<47	<60
SW-11	9/27/2022	0-10	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<15	<15	<50	<50	<60
SW-12	9/27/2022	0-6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<15	<15	<50	<50	<60
SW-13	9/27/2022	0-6	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<14	<14	<48	<48	<60
SW-14	9/27/2022	0-4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<14	<14	<48	<48	<60
SW-15	9/27/2022	0-4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<14	<48	<48	<60
SW-16	9/30/2022	10-25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	2,120
SW-17	9/30/2022	10-25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	2,160
S₩-18	9/30/2022	4-25	<0.200	1.39	17.8	77.8	96.9	2,790	15,400	18,100	2,200	20,300	8,160
5₩-19	0/2022			1					1				
300-13-	9/30/2022	4-25	<0.200	1.09	11.0	50.1	62.2	1,590	10,000	11,590	1,650	13,240	5,040
<u>S₩-20</u>	9/30 /20 22 9/30/2022	4-25 4-25	<0:200	1:09 0: 390	9:39	<u> </u>	<u> </u>	1,590 1,120	10,000	11,590 10,080	1,650 1,480	13,240 11,560	5,040 3,880
S₩-20	9/30/2022	4-25	<0.200	0.390	9.39	34.4	44.2	1,120	8,960	10,080	1,480	11,560	3,880
SW-20 SW-21 SW-21A SW-22	97 30/2022 97 30/2022 10/28/2022 9/30/2022	4-25 10-25	< <u>0.200</u> < <u>0.200</u> <0.050 <0.050	0.390 0.526 <0.050 <0.050	9:39 10:8 <0.050 <0.050	34.4 49.3 <0.150 <0.150	44.2 54.7 <0.300 <0.300	1,120 1,380 <10.0 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0
SW-20 SW-21 SW-21A	9/30/2022 9/30/2022 10/28/2022	4 -25 10-25 10-25	< <u>0:200</u> <0:200 <0.050	0:390 0:526 <0.050	9.39 10.8 <0.050	34.4 45.3 <0.150	44.2 54.7 <0.300	1,120 1,380 <10.0 <10.0 <10.0	8,960 13,990 39.2 <10.0 72.0	10,080 15,280 39.2 <10.0 72.0	1,480 2,350 <10.0	11,560 17,630 39.2	3,880 2 ,560 432
SW-20 SW-21 SW-21A SW-22 SW-22 SW-22 SW-23	9/30/2022 9/30/2022 10/28/2022 9/30/2022 10/28/2022 10/28/2022	4-25 10-25 10-25 Sidewall 10-25 10-25	<0.200 <0.200	0:390 0:526 <0.050 <0.050 <0.050 <0.050	9:39 10:8 <0.050	34.4 43.3 <0.150 <0.150 <0.150 <0.150	44.2 54.7 <0.300	1,120 1,380 <10.0 <10.0 <10.0 <10.0	8,960 13,900 39.2 <10.0	10,080 15,280 39.2 <10.0 72.0 58.4	1,480 2,350 <10.0 <10.0 <10.0 <10.0	11,560 17,630 39.2 <10.0 72.0 58.4	3,880 2,560 432 48.0 3,680 896
SW-20 SW-21 SW-21A SW-22 SW-22 SW-22 SW-23 SW-24	9/30/2022 9/30/2022 10/28/2022 9/30/2022 10/28/2022 10/28/2022 10/28/2022	4-25 10-25 Sidewall 10-25 10-25 4-25	<0:200 <0:200	0.390 0.526 <0.050	9:39 10:8 <0.050	34.4 43.3 <0.150 <0.150 <0.150 <0.150 <0.150	44.2 54.7 <0.300	1,120 1,380 <10.0 <10.0 <10.0 <10.0 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0 <10.0 <10.0 <10 <10	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25	9730/2022 9730/2022 9730/2022 10/28/2022 9/30/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25	<0:200 <0:200	0.390 0.526 <0.050	9:39 10:8 <0.050	34.4 45.3 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150	244.2 544.7 <0.300	1,120 1,380 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	8,960 13,990 39.2 <10.0	10,980 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26	9730/2022 9730/2022 9730/2022 10/28/2022 9/30/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 4-25	<0:200	0:390 0:526 <0.050	9:39 10:8 <0.050	34.4 49.3 <0.150	44.2 54.7 <0.300	1,120 1,380 <10.0	8,960 13,990 39.2 <10.0	10,980 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26 SW-27	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 4-25 0-4	<0:200	0:390 0:526 <0.050	9:39 10:8 <0.050	34.4 49.3 <0.150	44.2 54.7 <0.300	I;120 I;980 <10.0	8,960 13,990 39.2 <10.0	10,980 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 4-25 0-4 0-10	<0:200	0:390 0:526 <0.050	9:39 10:8 <0.050	34.4 49.3 <0.150	744.2 54-7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,980 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 4-25 0-4 0-10 0-10	<0:200	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 49.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 4-25 0-4 0-10 0-10 0-4	<0:200	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 49.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-4 4-25	<0:200	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 49.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0 <16.0
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-32	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-4 4-25 4-25	<0:200	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 49.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0
SW-20 SW-21 SW-21A SW-22 SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-33	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022 11/2/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-4 4-25 4-25	20:200 20:200 <0.050	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 49.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0 <16.0 400 544 1,680
SW-20 SW-21 SW-21A SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-33 SW-34	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-4 4-25	20:200 20:200 <0.050	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 43.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,639 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0
SW-20 SW-21A SW-21A SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-32 SW-33 SW-34 SW-35	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022	4-25 10-25 Sidewall 10-25 10-25 10-25 4-25 4-25 0-4 0-10 0-4 4-25	20:200 20:200 <0.050	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 43.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,950 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 400 544 1,680 112 736
SW-20 SW-21 SW-21A SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-32 SW-33 SW-34 SW-35 SW-36	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022 11/2/2022 11/2/2022 11/3/2022 11/3/2022	4-25 10-25 Sidewall 10-25 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-10 0-4 4-25	20:200 20:200 <0.050	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 43.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0
SW-20 SW-21 SW-21A SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-32 SW-33 SW-34 SW-35 SW-37	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022 11/2/2022 11/3/2022 11/3/2022 11/3/2022 11/3/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-10 0-4 4-25	20:200 20:200 <0.050	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 43.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,950 <10.0	11,560 17,639 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0
SW-20 SW-21 SW-21A SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-32 SW-33 SW-34 SW-35 SW-37 SW-38	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022 11/2/2022 11/3/2022 11/3/2022 11/3/2022 11/3/2022 11/3/2022 11/3/2022	4-25 10-25 Sidewall 10-25 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-4 4-25 <td>20:200 20:200 <0.050</td> <0.050	20:200 20:200 <0.050	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 43.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,350 <10.0	11,560 17,630 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0
SW-20 SW-21 SW-21A SW-22 SW-23 SW-24 SW-25 SW-26 SW-27 SW-28 SW-29 SW-30 SW-31 SW-32 SW-33 SW-34 SW-35 SW-37	9730/2022 9730/2022 9730/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/28/2022 10/31/2022 10/31/2022 10/31/2022 11/2/2022 11/2/2022 11/2/2022 11/3/2022 11/3/2022 11/3/2022 11/3/2022	4-25 10-25 Sidewall 10-25 10-25 4-25 4-25 4-25 0-4 0-10 0-10 0-4 4-25	20:200 20:200 <0.050	0:390 0:526 <0.050	9:39 10.8 <0.050	34.4 43.3 <0.150	744.2 54.7 <0.300	T;120 T;980 <10.0	8,960 13,990 39.2 <10.0	10,080 15,280 39.2 <10.0	1,480 2,950 <10.0	11,560 17,639 39.2 <10.0	3,880 2,560 432 48.0 3,680 896 128 320 176 160 32.0 16.0 <16.0

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Received by OCD: 11/21/2022 1:25:01 PM

Table 1 Summary of Soil Analytical Data - Confirmation Samples Jackson B #17 Flowline Area #2 EOG Resources Eddy County, New Mexico

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6	DRO (C10	GRO + DRO	MRO (C28-	Total	Chloride
		Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	Sample 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	Closure Cri	teria for So	il >100 feet D	epth to Groun	dwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SW-41	11/3/2022	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	16.0
SW-42	11/4/2022	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	16.0
SW-43	11/4/2022	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	16.0
SW-44	11/4/2022	4-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10	<10	<10	144
SW-45	11/4/2022	4-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	74.1	74.1	48.2	122.3	16.0

Notes:

Released to Imaging: 2/22/2023 10:07:55 AM

1. Values reported in mg/kg

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

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP-1 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Tablel Closure Criteria for the site.

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

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Table 2 Daily Disposal Summary Jackson B #17 EOG Resources Eddy, County, New Mexico

Date of Disposal	Total Pounds Disposed	Total Tons Disposed
9/19/2022	276,960	138
9/20/2022	656,940	328
9/21/2022	745,720	373
9/30/2022	444,200	222
10/3/2022	361,280	181
10/4/2022	664,960	332
10/13/2022	42,340	21
10/28/2022	221,880	111
10/31/2022	413,440	207
11/1/2022	169,880	85
11/2/2022	101,320	51
11/7/2022	252,640	126
Project Total	4,351,560	2,175.78

ATTACHMENT A: PHOTOGRAPHIC LOG



.

PHOTOGRAPHIC LOG

EOG Jackson B #17

Photograph	ו No. 1	NW 330	N • • • • • • •	30 NE 60	E 90 120
Facility:	Jackson B #17	0	40°NE (T) • 32	. <mark>858087, -103.925295 ±</mark> 3 n	n ▲ 1103 m
County:	Eddy				
Description: View of excav					31 Oct 2022, 11 03:10
Photograph	n No. 2	N		0 E 90	120 SE 150
Facility:	Jackson B #17		≥ 84°E (T) ● 32.8	358169, -103.925591 ±3 m	▲ 1100 m
County:	Eddy				
Description: View of excav					31 Oct 2022, 11 03:55



PHOTOGRAPHIC LOG

EOG Jackson B #17

Photograph	No. 3	N NE E SE 0 30 60 90 120 150 • • • • • • • • • •
Facility:	Jackson B #17	© 71°NE (T) ● 32.858096, -103.925477 ±3 m ▲ 1101 m
County:	Eddy	
Description: View of excava	ation.	31 Oct 2022, 11:04:23
Photograph	No. 4	N NE E SE 0 30 60 90 120 150 •
Facility:	Jackson B #17	82°E (T) ● 32.858057, -103.925636 ±3 m ▲ 1107 m
County:	Eddy	
Description:	tion	
View of excava	ation.	31 ¹ 0ct;2022,11 ¹ /04;49

NTGE Project No. 226200 Released to Imaging: 2/22/2023 10:07:55 AM



PHOTOGRAPHIC LOG

EOG Jackson B #17





ATTACHMENT B: CONFIRMATION SAMPLING NOTIFICATION



From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Wednesday, September 7, 2022 2:54 PM
То:	Becky Haskell
Subject:	FW: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, September 7, 2022 1:43 PM
To: blm_nm_cfo_spill@blm.gov; Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon
<Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet
<Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory
<Artesia_Regulatory@eogresources.com>
Subject: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

Good Afternoon,

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

Jackson B 17 Flowline Area 2 O-1-17S-30E Eddy County, NM nAPP2110638434

Sampling will begin at 10:00 a.m. on Monday, September 12, 2022 and continue through Friday, September 16, 2022.

Thank you,

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



From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Wednesday, September 14, 2022 3:25 PM
То:	Becky Haskell
Subject:	FW: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, September 14, 2022 2:25 PM
To: blm_nm_cfo_spill@blm.gov; Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon
<Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet
<Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory
<Artesia_Regulatory@eogresources.com>
Subject: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

Good Afternoon,

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

Jackson B 17 Flowline Area 2 O-1-17S-30E Eddy County, NM nAPP2110638434

Sampling will begin at 10:00 a.m. on Monday, September 19, 2022 and continue through Friday, September 23, 2022.

Thank you,

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



From:	Chase Settle <chase_settle@eogresources.com></chase_settle@eogresources.com>
Sent:	Thursday, September 22, 2022 9:41 AM
То:	Becky Haskell
Cc:	Amber Griffin
Subject:	FW: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

From: Chase Settle
Sent: Thursday, September 22, 2022 8:38 AM
To: 'Becky Haskell' <becky.haskell@ghd.com>
Cc: Amber Griffin <Amber_Griffin@eogresources.com>
Subject: FW: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

From: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>> Sent: Thursday, September 22, 2022 8:21 AM To: <u>Robert.Hamlet@emnrd.nm.gov</u>; <u>Mike.Bratcher@emnrd.nm.gov</u>; <u>Jennifer.Nobui@emnrd.nm.gov</u>; <u>Jocelyn.Harimon@emnrd.nm.gov</u>; <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 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

Good Morning,

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

Jackson B 17 Flowline Area 2 O-1-17S-30E Eddy County, NM nAPP2110638434

Sampling will begin at 10:00 a.m. on Monday, September 26, 2022 and continue through Friday, September 30, 2022.

Thank you,

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



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From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Tuesday, October 25, 2022 10:27 AM
То:	Becky Haskell
Subject:	FW: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

I don't know that this notification was forwarded to you.

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 12, 2022 3:49 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 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

Good Afternoon,

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

Jackson B 17 Flowline Area 2 O-1-17S-30E Eddy County, NM nAPP2110638434

Sampling will begin at 10:00 a.m. on Monday, October 17, 2022 and continue through Friday, October 21, 2022.

Thank you,

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



From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Tuesday, October 25, 2022 10:45 AM
То:	Becky Haskell
Subject:	FW: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, October 20, 2022 7:16 AM
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: RE: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

Good Morning,

The sampling will begin at 10:00 a.m. on Tuesday, October 25, 2022 and continue through Friday, October 28, 2022.

Sorry for the error on the Tuesday date.

Thank you.

From: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>>
Sent: Wednesday, October 19, 2022 4:53 PM
To: ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
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 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

Good Afternoon,

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

Jackson B 17 Flowline Area 2 O-1-17S-30E Eddy County, NM nAPP2110638434

Sampling will begin at 10:00 a.m. on Tuesday, October 24, 2022 and continue through Friday, October 28, 2022.

Thank you,

Email: tina huerta@eogresources.com

Oeog resources Artesia Division

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From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Wednesday, October 26, 2022 2:27 PM
То:	Becky Haskell
Subject:	FW: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 26, 2022 1:26 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory
<Artesia_Regulatory@eogresources.com>
Subject: Jackson B 17 Flowline Area 2 (nAPP2110638434) Sampling Notification

Good Afternoon,

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

Jackson B 17 Flowline Area 2 O-1-17S-30E Eddy County, NM nAPP2110638434

Sampling will begin at 10:00 a.m. on Monday, October 31, 2022 and continue through Friday, November 4, 2022.

Thank you,

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



ATTACHMENT C: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENATION




September 15, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON B #17

Enclosed are the results of analyses for samples received by the laboratory on 09/14/22 13:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



EOG - EDDY CO NM

Analytical Results For: NTG ENVIRONMENTAL

		BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	
		Fax To:	
Received:	09/14/2022	Sampling Date:	09/14/2022
Reported:	09/15/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17	Sampling Condition:	** (See Notes)
Project Number:	226256	Sample Received By:	Tamara Oldaker

Sample ID: BH - 1 (H224228-01)

Project Location:

BTEX 8021B	mg,	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: BH - 2 (H224228-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	144	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	159	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: BH - 3 (H224228-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	106	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	89.6	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	SUITE C	
		Fax To:		
Received:	09/14/2022		Sampling Date:	09/14/2022
Reported:	09/15/2022		Sampling Type:	Soil
Project Name:	JACKSON B #17		Sampling Condition:	** (See Notes)
Project Number:	226256		Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM			

Sample ID: BH - 4 (H224228-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	570	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	450	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: BH - 5 (H224228-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	674	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	433	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: BH - 6 (H224228-06)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	1160	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	416	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: BH - 7 (H224228-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	g Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	71.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.4	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: SW - 1 (H224228-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.1	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: SW - 2 (H224228-09)

BTEX 8021B	mg,	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	2670	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	708	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	77.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	154	46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: SW - 3 (H224228-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	1940	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	620	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	68.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	142	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: SW - 4 (H224228-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	1290	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	615	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	119 9	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: SW - 5 (H224228-12)

BTEX 8021B	mg	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	85.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	09/14/2022		Sampling Date:	09/14/2022 Soil
Reported: Project Name:	09/15/2022 JACKSON B #17		Sampling Type: Sampling Condition:	** (See Notes)
Project Number: Project Location:	226256 Eog - Eddy co NM		Sample Received By:	Tamara Oldaker

Sample ID: SW - 6 (H224228-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	79.1	% 46.3-17	'8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	SUITE C	
		Fax To:		
Received:	09/14/2022		Sampling Date:	09/14/2022
Reported:	09/15/2022		Sampling Type:	Soil
Project Name:	JACKSON B #17		Sampling Condition:	** (See Notes)
Project Number:	226256		Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 7 (H224228-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.94	97.1	2.00	3.89	
Toluene*	<0.050	0.050	09/15/2022	ND	1.94	97.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.00	100	6.00	3.71	
Total BTEX	<0.300	0.300	09/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/15/2022	ND	416	104	400	8.00	
TPH 8015M	mg/	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	192	96.0	200	0.321	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	201	101	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					
Surrogate: 1-Chlorooctane	76.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.1	% 46.3-17	8						

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By: Relinquished By: analyses. All claims including those for negligence an service. In no event shall Cardinal be liable for incider PLEASE NOTE: Liability and Sampler Name: Project Location: Project Name: Phone #: City: Project #: Project Manager: Lab I.D. FOR LAB USE ONLY Address: 8224228 Wid lano including those for negligence and any other cause 0 200 I 6 S 2242 104 432-BH-S 5W-BH-4 54 84-3 BH-1 2 BH 5W-2 Jes. Cardinal's 5 i - 6 Becky 12 Edely Trademinels 664507 Sle 4 766-1 Sample I.D Prent mail of col (opt & Fax #: BNashell @ NTGlobel Com HOSKEL b Date:G/IC/ P Date: Time: 13:42 services hereunder by What Project Owner: State: Blud EN # jes, including without limitation, business inten shall be deemed waived edy for any A tothe :diz XI Received, By: Received By Suit 00 G)RAB OR (C)OMP 2 EOH # CONTAINERS GROUNDWATER nless made in writing and received by Ca WASTEWATER 1 SOIL MATRIX OIL SLUDGE loss of use, or loss of profits OTHER Fax #: State: City: Phone #: Address: P.O. #: Attn: AmBer Company: ACID/BASE PRESERV ICE / COOL OTHER within 30 days after completion of the applicable our or 4/14/22 Direct Bic Zip: d DATE red by client, its subsidiaries ant. 10 SAMPLING EQ4 All Results are emailed. Please provide Email address: REMARKS: Verbal Result: by the client for the 17:42 12:36 12:30 12:38 12:44 12:40 12:34 12:32 246 7.10 TIME Ema 8621 B □ Yes 015 GRO/DEDIMRD) ON D 4500 th Add'l Phone #: ANALYSIS REQUEST

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Page 53 of 172

Company Name:

NTG

Environmenta

BILL

Received by OCD: 11/21/2022 1:25:01 PM Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Time:

Corrected Temp. °C 30 Observed Temp. °C 3 (. |

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Cool Intact

Sample Condition

CHECKED BY: (Initials)

Turnaround Time:

Standard

maer G

0

F

Bacteria (only) Sample Condition

Correction Factor -0.6°C Thermometer ID

Jah

Cool Intact

Corrected Temp. °C Observed Temp, °C

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Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Internant, Hobbs, NM 8234 Internant, Hobbs, NM 8344 <th>ved by OCD: 11/21/2022</th> <th></th> <th>Page 5</th>	ved by OCD: 11/21/2022		Page 5
Image: Second	nier:	Cl. Triddewine 22-246-1918 24256 24256 24256 24256 24256 2442 2442	101 East Mark (575) 393-23 Company Name: NTG E Project Manager: Bull
L TO ANA Ip: Chiffing SAMPLING SAMPLING SAMPLING SAMPLING SAMPLING SAMPLING DATE TIME Image: Sampling TIME Image: Sampling Sampling	Received By:	Buck Company: State: T Fax #: State: Project Owner: Ed. Address: Phoner: Project Owner: Ed. Address: Phone #: Phone #: Preserv Phone #: Presev Phone #:<	P.O. #
	Verbal Result: Verbal Result: No No No No No No No No No No	XXXX TPH 8015 D (GRO/DRO/MRO)	10



September 26, 2022

Becky Haskell NTG Environmental 701 Tradewinds Blvd. Suite c Midland, TX 79706 TEL: (432) 766-1918 FAX:

RE: Jackson B 17

OrderNo.: 2209883

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 6 sample(s) on 9/17/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Project: Jackson B 17

Analytical Report Lab Order 2209883

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/26/2022

Client Sample ID: SW-2 Collection Date: 9/16/2022 10:00:00 AM Received Date: 9/17/2022 11:30:00 AM

Lab ID: 2209883-001	Matrix: SOIL	Received Date: 9/17/2022 11:30:00 AM					
Analyses	Result	RL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analyst: DGH		
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/20/2022 1:30:34 PM		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/20/2022 1:30:34 PM		
Surr: DNOP	81.8	21-129	%Rec	1	9/20/2022 1:30:34 PM		
EPA METHOD 8015D: GASOLINE F	RANGE				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/21/2022 1:47:07 AM		
Surr: BFB	95.9	37.7-212	%Rec	1	9/21/2022 1:47:07 AM		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.024	mg/Kg	1	9/21/2022 1:47:07 AM		
Toluene	ND	0.047	mg/Kg	1	9/21/2022 1:47:07 AM		
Ethylbenzene	ND	0.047	mg/Kg	1	9/21/2022 1:47:07 AM		
Xylenes, Total	ND	0.095	mg/Kg	1	9/21/2022 1:47:07 AM		
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	9/21/2022 1:47:07 AM		
EPA METHOD 300.0: ANIONS					Analyst: NAI		
Chloride	ND	60	mg/Kg	20	9/22/2022 3:54:12 PM		

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

Qualifiers:

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

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

S % Recovery outside of range due to dilution or matrix interference

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

Page 1 of 10

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Project: Jackson B 17

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209883

Date Reported: 9/26/2022

Client Sample ID: SW-3 Collection Date: 9/16/2022 10:02:00 AM Received Date: 9/17/2022 11:30:00 AM

Lab ID: 2209883-002	Matrix: SOIL	Received Date: 9/17/2022 11:30:00 AM					
Analyses	Result	RL Qua	l Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: DGH		
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/20/2022 1:41:24 PM		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/20/2022 1:41:24 PM		
Surr: DNOP	83.6	21-129	%Rec	1	9/20/2022 1:41:24 PM		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2022 2:10:30 AM		
Surr: BFB	96.5	37.7-212	%Rec	1	9/21/2022 2:10:30 AM		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.025	mg/Kg	1	9/21/2022 2:10:30 AM		
Toluene	ND	0.049	mg/Kg	1	9/21/2022 2:10:30 AM		
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2022 2:10:30 AM		
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2022 2:10:30 AM		
Surr: 4-Bromofluorobenzene	97.2	70-130	%Rec	1	9/21/2022 2:10:30 AM		
EPA METHOD 300.0: ANIONS					Analyst: NAI		
Chloride	ND	60	mg/Kg	20	9/22/2022 4:06:37 PM		

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

Qualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

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

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Project: Jackson B 17

Analytical Report Lab Order 2209883

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/26/2022

Client Sample ID: SW-6 Collection Date: 9/16/2022 10:04:00 AM Received Date: 9/17/2022 11:30:00 AM

Lab ID: 2209883-003	Matrix: SOIL	Rece	Received Date: 9/17/2022 11:30:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL I	RANGE ORGANICS				Analyst: DGH		
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/20/2022 1:52:13 PM		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/20/2022 1:52:13 PM		
Surr: DNOP	79.2	21-129	%Rec	1	9/20/2022 1:52:13 PM		
EPA METHOD 8015D: GASOLINE	RANGE				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/21/2022 2:33:59 AM		
Surr: BFB	97.3	37.7-212	%Rec	1	9/21/2022 2:33:59 AM		
EPA METHOD 8021B: VOLATILES	6				Analyst: NSB		
Benzene	ND	0.024	mg/Kg	1	9/21/2022 2:33:59 AM		
Toluene	ND	0.048	mg/Kg	1	9/21/2022 2:33:59 AM		
Ethylbenzene	ND	0.048	mg/Kg	1	9/21/2022 2:33:59 AM		
Xylenes, Total	ND	0.096	mg/Kg	1	9/21/2022 2:33:59 AM		
Surr: 4-Bromofluorobenzene	97.7	70-130	%Rec	1	9/21/2022 2:33:59 AM		
EPA METHOD 300.0: ANIONS					Analyst: NAI		
Chloride	ND	60	mg/Kg	20	9/22/2022 5:08:39 PM		

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

Qualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

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

S % Recovery outside of range due to dilution or matrix interference

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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209883

Date Reported: 9/26/2022

CLIENT: NTG Environmental Client Sample ID: BH-8								
Project: Jackson B 17	Collection Date: 9/16/2022 10:06:00 AM							
Lab ID: 2209883-004	Matrix: SOIL	Rec	eived Date:	9/17/2	2022 11:30:00 AM			
Analyses	Result	RL Q	ual Units	DF	Date Analyzed			
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: DGH			
Diesel Range Organics (DRO)	79	15	mg/Kg	1	9/21/2022 6:41:02 PM			
Motor Oil Range Organics (MRO)	130	49	mg/Kg	1	9/21/2022 6:41:02 PM			
Surr: DNOP	82.9	21-129	%Rec	1	9/21/2022 6:41:02 PM			
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst: NSB			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/21/2022 2:57:28 AM			
Surr: BFB	93.3	37.7-212	%Rec	1	9/21/2022 2:57:28 AM			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.025	mg/Kg	1	9/21/2022 2:57:28 AM			
Toluene	ND	0.049	mg/Kg	1	9/21/2022 2:57:28 AM			
Ethylbenzene	ND	0.049	mg/Kg	1	9/21/2022 2:57:28 AM			
Xylenes, Total	ND	0.099	mg/Kg	1	9/21/2022 2:57:28 AM			
Surr: 4-Bromofluorobenzene	94.7	70-130	%Rec	1	9/21/2022 2:57:28 AM			
EPA METHOD 300.0: ANIONS					Analyst: NAI			

170

60

mg/Kg

20

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

Qualifiers:

Chloride

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

н Holding times for preparation or analysis exceeded

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

% Recovery outside of range due to dilution or matrix interference S

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

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9/22/2022 5:21:04 PM

Project: Jackson B 17

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209883

Date Reported: 9/26/2022

Client Sample ID: SW-8
Collection Date: 9/16/2022 10:08:00 AM
Received Date: 9/17/2022 11:30:00 AM

Lab ID: 2209883-005	Matrix: SOIL	R	eceive	ed Date:	9/17/2	2022 11:30:00 AM
Analyses	Result	RL (Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	2100	150		mg/Kg	10	9/20/2022 2:13:51 PM
Motor Oil Range Organics (MRO)	1100	490		mg/Kg	10	9/20/2022 2:13:51 PM
Surr: DNOP	0	21-129	S	%Rec	10	9/20/2022 2:13:51 PM
EPA METHOD 8015D: GASOLINE RANGI	E					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/21/2022 3:20:57 AM
Surr: BFB	91.7	37.7-212		%Rec	1	9/21/2022 3:20:57 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/21/2022 3:20:57 AM
Toluene	ND	0.048		mg/Kg	1	9/21/2022 3:20:57 AM
Ethylbenzene	ND	0.048		mg/Kg	1	9/21/2022 3:20:57 AM
Xylenes, Total	ND	0.096		mg/Kg	1	9/21/2022 3:20:57 AM
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	9/21/2022 3:20:57 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	690	60		mg/Kg	20	9/22/2022 5:33:29 PM

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

Qualifiers:

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

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

Page 5 of 10

EPA METHOD 300.0: ANIONS

Chloride

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209883

Date Reported: 9/26/2022

CLIENT: NTG Environmental		Client S	Sample ID:	BH-9	
Project: Jackson B 17		Collec	tion Date:	9/16/2	022 10:10:00 AM
Lab ID: 2209883-006	Matrix: SOIL	Rece	ived Date:	9/17/2	022 11:30:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	140	15	mg/Kg	1	9/21/2022 7:13:18 PM
Motor Oil Range Organics (MRO)	180	50	mg/Kg	1	9/21/2022 7:13:18 PM
Surr: DNOP	94.9	21-129	%Rec	1	9/21/2022 7:13:18 PM
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/21/2022 4:07:55 AM
Surr: BFB	97.0	37.7-212	%Rec	1	9/21/2022 4:07:55 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	9/21/2022 4:07:55 AM
Toluene	ND	0.050	mg/Kg	1	9/21/2022 4:07:55 AM
Ethylbenzene	ND	0.050	mg/Kg	1	9/21/2022 4:07:55 AM
Xylenes, Total	ND	0.10	mg/Kg	1	9/21/2022 4:07:55 AM
Surr: 4-Bromofluorobenzene	98.5	70-130	%Rec	1	9/21/2022 4:07:55 AM

ND

60

mg/Kg

20

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

Qualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

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

Page 6 of 10

Analyst: NAI

9/22/2022 5:45:53 PM

Client: Project:	NTG Envi Jackson B										
Sample ID:	MB-70346	SampTy	be: mb	lk	Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	PBS	Batch I	D: 703	346	F	RunNo: 9 1	1230				
Prep Date:	9/22/2022	Analysis Da	te: 9/ 2	22/2022	ç	SeqNo: 32	265635	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	~ %RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-70346	SampTy	be: Ics		Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	LCSS	Batch I	D: 703	346	F	RunNo: 9 1	1230				
Prep Date:	9/22/2022	Analysis Da	te: 9/ 2	22/2022	S	SeqNo: 32	265636	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	94.7	90	110			
Sample ID:	2209883-001AMS	SampTy	be: ms	;	Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	SW-2	Batch I	D: 703	346	F	RunNo: 9 1	1230				
Prep Date:	9/22/2022	Analysis Da	te: 9/ 2	22/2022	5	SeqNo: 32	265665	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	60	30.00	0	0	57.5	166			S
Sample ID:	2209883-001AMSD	SampTy	oe: ms	d	Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	SW-2	Batch I	D: 703	346	F	RunNo: 9 1	1230				
Prep Date:	9/22/2022	Analysis Da	te: 9/ 2	22/2022	S	SeqNo: 32	265666	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	60	30.00	0	0	57.5	166	0	20	S

Qualifiers:

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

Page 7 of 10

2209883

26-Sep-22

WO#:

Client: NTG En Project: Jackson	nvironmenta B 17	1								
Sample ID: LCS-70271	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	n ID: 702	271	RunNo: 91149						
Prep Date: 9/19/2022	Analysis D	ate: 9/ 2	20/2022	S	SeqNo: 32	261434	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	37	15	50.00	0	73.0	64.4	127			
Surr: DNOP	3.2		5.000		63.4	21	129			
Sample ID: MB-70271	SampT	ype: ME	BLK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	n ID: 702	271	F	RunNo: 9 1	149				
Prep Date: 9/19/2022	Analysis D	ate: 9/ 2	20/2022	S	SeqNo: 32	261435	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Notor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.0		10.00		80.2	21	129			

Qualifiers:

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

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2209883

26-Sep-22

WO#:

Client: Project:	NTG Ei Jackson	nvironmenta B 17	[
Sample ID: mb	o-70263	SampT	SampType: MBLK Te				tCode: EPA Method 8015D: Gasoline Range						
Client ID: PB	S	Batch	ID: 702	0263 RunNo: 91148									
Prep Date: 9/	/19/2022	Analysis Da	ate: 9/ 2	20/2022	S	SeqNo: 32	261883	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Or	ganics (GRO)	ND	5.0										
Surr: BFB		1000		1000		101	37.7	212					
Sample ID: Ics	-70263	SampT	/pe: LC	S	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range				
Client ID: LC	SS	Batch	ID: 702	263	F	RunNo: 9 1	148						
Prep Date: 9/	/19/2022	Analysis Da	ate: 9/ 2	20/2022	5	SeqNo: 32	261884	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Or	ganics (GRO)	26	5.0	25.00	0	106	72.3	137					
Surr: BFB		2000		1000		200	37.7	212					

Qualifiers:

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

WO#: 2209883 26-Sep-22

	G Environmenta kson B 17	al								
Sample ID: mb-70263	SampT	уре: МЕ	BLK	Tes	tCode: EF					
Client ID: PBS	Batch	n ID: 702	263	F	RunNo: 91	148				
Prep Date: 9/19/2022	Analysis D	Date: 9/2	20/2022	SeqNo: 3261927			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-Bromofluorobenzen	e 1.0		1.000		100	70	130			
Sample ID: LCS-70263	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch	n ID: 702	263	F	RunNo: 9 1	148				
Prep Date: 9/19/2022	Analysis D	Date: 9/2	20/2022	S	SeqNo: 32	261928	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.3	80	120			
Toluene	0.93	0.050	1.000	0	93.1	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.1	80	120			
Surr: 4-Bromofluorobenzen	e 1.0		1.000		101	70	130			

Qualifiers:

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

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2209883

26-Sep-22

WO#:

.

Client Name: NTG Enviro	nmental	Work Order Num	ber: 2209	9883		Rcpt	No: 1	-
Received By: Juan Roja	s	9/17/2022 11:30:00	D AM		Guanday			
Completed By: Juan Roja	s	9/17/2022 11:45:08	B AM		Guanda G Guanda G			
Reviewed By: VP 9(1712	2.7_							
Chain of Custody								
. Is Chain of Custody comple	ete?		Yes	~	No 🗌	Not Present	1	
How was the sample delive	ered?		Cour	rier				
Log In Was an attempt made to co	ool the samples?		Yes		No 🗌	NA	1	
. Were all samples received	at a temperature o	f >0° C to 6.0°C	Yes	~	No 🗌	NA 🗌	I	
. Sample(s) in proper contair	ner(s)?		Yes	•	No 🗔			
Sufficient sample volume for	or indicated test(s)?		Yes	•	No 🗌			
Are samples (except VOA a	and ONG) properly	preserved?	Yes	~	No 🗌			
. Was preservative added to	bottles?		Yes		No 🗹	NA	1	
. Received at least 1 vial with	n headspace <1/4"	for AQ VOA?	Yes		No 🗌	NA 🗸]	
). Were any sample contained	rs received broken	?	Yes		No 🗹	# of preserved		1
1. Does paperwork match bott (Note discrepancies on chai			Yes	V	No 🗌	bottles checked for pH: (<2	2 or >12 unless noted)	_
Are matrices correctly identi	ified on Chain of C	ustody?	Yes	~	No 🗌	Adjusted?		
Is it clear what analyses we	re requested?		Yes	~	No 🗌	/	1 alimb	~~
 Were all holding times able (If no, notify customer for au 			Yes	~	No 🗌	Checked by	In alizi	2
pecial Handling (if app	licable)							
5. Was client notified of all dis	screpancies with th	is order?	Yes		No 🗔	NA 🗹		
Person Notified:		Date	-					
By Whom:		Via:	🗌 eMa	ail 🗔 F	Phone 🗌 Fax	In Person		
Regarding:								
6. Additional remarks:								

Page 1 of 1

Client: \ensurementary Kalling Address: \ensurementary Kluck Klash Kluck	Rush S Dau Rush S Dau Kish S Dau Ku H ak	Mail Mail
Mailing Address: 7.01 Trade winds Rluct Project Name: Suite C INdloud, X 70 700 2.2 lo25 lo Suite C INdloud, X 10 75-los L. Lom Project Manager: Phone #: H32 2.2 lo25 lo email or Fax#: PHOS/oll @ ATG-los L. Lom Project Manager: 2.2 lo25 lo 2.2 lo25 lo email or Fax#: PHOS/oll @ ATG-los L. Lom Project Manager: 2.4 loss/oll @ ATG-lose L. Lom Project Manager: 2.4 loss 0.016r Project Manager: 2.4 loss 0.016r Prosect Manager: 2.4 loss 5 survet Coolers: 1 2.4 loss 5 survet 1 loss 3.1 loss 5 survet 1 loss 3.1 loss 5 survet 1 loss 3.1 loss 1 loss 1 loss <	Image: Second Sol Pesticides/8082 PCB's 2 & 1 / 2 Image: Second Sol Pesticides/8082 PCB's 2 & 1 / 2 Image: Second Sol Pesticides/8082 PCB's 490 Haw Image: Second Sol Pesticides/8082 PCB's 100 / 1	
Mailing Address: For Trade windsRluchTrade windsRluchTack SonB trade windsB trade w	KSon B B I 4901 Hawkins NE 4901 Hawkins NE 4901 Hawkins NE 4901 Hawkins NE 1 400 Hawkins NE 1 400 Hawkins NE 1 400 Hest	37109
SurfaceDelivedTTTTPhone #: 43.2 Phone #: 43.2 Project #: 22.6250 email or Fax#: $Ploskoll @ MTG-lokaL.LonProject Manager:22.6250email or Fax#: Ploskoll @ MTG-lokaL.LonProject Manager:22.6250QAOC Package:\Box Level 4 (Full Validation)Becky HockedAOCC Package:\Box ComplianceBecky HockedAOCC Package:\Box ComplianceSampler:\Box NELAC\Box Other_{-}Don loe: _ D ves\Box DD (Type)Becky Hocked\Box PloteOther_{-}\Box EDD (Type)Hocked\Box PloteDon loe: _ D ves\Box PloteDon loe: _ D ves\Box PloteT_{1} vesDateTimeMatrixDateTimeNacPLrePloteT_{1} vesNacPLrePloteT_{1} vesT_{1} vesPloteT_{1} vesT_{1} vesPloteT_{1} vesT_{1} vesPloteT_{1} vesT_{1} ves$	Justification Justification Justification Justification Incontine Petervative HEAL No. Petervative AI Incontine Petervative HEAL No. Petervative AI Incontine Preservative HEAL No. Petervative AI Incontine Preservative HEAL No. Petervative AI Incontine Preservative Preservative AI AI	4107
Phone #: 43.2 2.2 La.25 lbemail or Fax#: PHoskell AVTGAbal. LomProject Manager:QAVOC Package:QAVOC Package:QAVOC Package:Decky HockQAVOC Package:Decky HockQAVOC Package:Decky HockQAVOC Package:Decky HockQAVOC Package:Decky HockQAVOC Package:Decky HockAccreditation:DACDecky HockDecky HockDecky HockDecky HockDecky HockDecky HockDecky HockDecky HockDateTimeMatrixSampler:DateTimeMatrixSamplerPateTimeDateTimePateTimePhileIPhileIPhileIPhileDiockPhilePhilePhilePhilePhilePhilePhilePhilePhilePhile<	2.6256 2.6256 2.6256 2.6256 2.6256 2.6256 2.6256 2.6256 2.6256 2.6256 2.6256 2.627051MS 2.6257051MS 2.627051MS 2.6276 2.627051MS 2.6276 2.627051MS 2.6276 2.6677 2.6276 2.6677 2.6276 2.6677 2.6276 2.6677 2.6276 2.6677 2.6276 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6677 2.6077 2.6773 2.6077 2.6773 2.6077 2.6773 2.6077 2.6773 2.67777 2.6773 </td <td></td>	
email or Fax#: $Ploskell (e. MTG-ldealcom)$ Project Manager: QAQC Package: QAQC Package: Excel 4 (Full Validation) Excel 4 (Sec Manager: QAQC Package: I Level 4 (Full Validation) Excel 4 (Sec Manager: Excel 4 (Sec Manager: Accreditation: I Az Compliance I Sampler: Excel 4 (Sec Manager: Excel 4 (Sec Manager: I NELAC I Other I Az Compliance Sampler: I Nock (Sec Manager: I Nock (Sec Manager: I EDD (Type) I Ho: I Other I Noce: I Vec I Noce (Sec Manager: I EDD (Type) Sampler: I Vec I Vec I Vec I Vec I I I I I I I I I I I I I I I I I I I	Type TPH:s015D(GRO / DRO / MRO) Monolice Non Monolice Non Monolice Non PPHHs by 8310 or 8270SIMS Monolice M	
QA/QC Package: Decky H ackle Accreditation: Accreditation) Decky H ackle Accreditation: Accreditation) Sampler: Accreditation: Accreditation Sampler: In NELAC In Other Sampler: In NELAC In Other Sampler: In FDD (Type) # of Coolers: Investor In EDD (Type) Investor Investor I	Ноло Цле Нок По 1 Чек Чо 1 Чек Чек 1 Чек 1 </td <td>Total Coliform (Present/Abser</td>	Total Coliform (Present/Abser
andard \Box Level 4 (Full Validation) $\Box CCM_{4}$ $H \alpha SK_{6}$ editation: $\Box Z$ Compliance Sampler: ELAC $\Box Z$ Compliance Sampler: ELAC $\Box Other$ On lee: $\Box Ves$ N D (Type) # of Coolers: # of Coolers: N D (Type) # of Coolers: Non lee: D D (Type) # of Coolers: Non lee: N D (Type) Non lee: D N D (Type) D D D D (D) D D D D D (D) D D D D D (D) D D D D D D D D D D D D D D D D D D D <td>Monellie Type Type Type Type Monellie CG, JF, Br, NO3, NO2, PO NDn Lie CG, JF, Br, NO3, NO2, PO</td> <td>A\tnesenq) mrotiloO IstoT</td>	Monellie Type Type Type Type Monellie CG, JF, Br, NO3, NO2, PO NDn Lie CG, JF, Br, NO3, NO2, PO	A\tnesenq) mrotiloO IstoT
editation:	Image: Construction of the sector of the	
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TimeMatrixSample NameCooler Temp(including cF): $(C, f_1 f_2)$ TimeMatrixSample NameContainerPreservative $1 p_2 p_0$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 p_0$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 p_1$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 q_1$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 q_1$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 q_2$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 q_2$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 q_2$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_2 q_2$ 5 $S W - 2$ $(U + b_2)$ $None/ire$ $1 p_1 p_2$ $B H - 3$ $(D + b_2)$ $None/ire$ $(D p_1 p_2)$ $S B H - 3$ $(U + b_2)$ $None/ire$	Including cFi: C. (16.2 = 1, 1 (°C) Including cFi: C. (16.2 = 1, 1 (°C) Type Type BTEX / MTB Mone/lice C002 X X Mone/lice -002 X X Mone/lice -002 X X Mone/lice -002 X X Mone/lice -002 X X	
TimeMatrixSample NameContainerPreservative 1 [D:00] 5 $5W-2$ 1 $4e_2$ $Nane/ice$ 1 [D:01] 5 $5W-2$ 1 $4e_2$ $Nane/ice$ 1 [D:02] 5 $5W-6$ 1 $4e_2$ $Nane/ice$ 1 [D:04] 5 $5W-6$ 1 $4e_2$ $Nane/ice$ 1 [D:02] 5 $8H-8$ 1 1 $4e_2$ 1 [D:03] 5 $8H-8$ 1 1 1 [D:02] 5 $8H-9$ 1 1 1 [D:02] 5 $8H-9$ 1 1 1 [D:02] 5 $8H-9$ 1 1 1 [D:03] 5 $8H-9$ 1 1 1 [D:03] 5 $8H-9$ 1 1	Preservative HEAL No. Type 17ype Nonc/lice 1001 Nonc/lice 1002 Nonc/lice 1002 Nonc/lice 1002 Nonc/lice 1002 Nonc/lice 1002 Nonc/lice 1002	Contraction of the second
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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as n	the accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	



September 29, 2022

Becky Haskell NTG Environmental 701 Tradewinds Blvd. Suite c Midland, TX 79706 TEL: (432) 766-1918 FAX:

RE: Jackson 17

OrderNo.: 2209A54

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 4 sample(s) on 9/21/2022 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

Jackson 17

2209A54-001

Project:

Lab ID:

Analytical Report Lab Order 2209A54

Date Reported: 9/29/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-10 Collection Date: 9/20/2022 10:00:00 AM

Received Date: 9/21/2022 7:30:00 AM

alyses	Result	RL	Qual	Units	DF	Date Analyzed
PA METHOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	260	140		mg/Kg	10	9/23/2022 2:08:39 PM
Motor Oil Range Organics (MRO)	680	470		mg/Kg	10	9/23/2022 2:08:39 PM
Surr: DNOP	0	21-129	S	%Rec	10	9/23/2022 2:08:39 PM
PA METHOD 8015D: GASOLINE RA	ANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/22/2022 3:10:03 PM
Surr: BFB	97.8	37.7-212		%Rec	1	9/22/2022 3:10:03 PM
PA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/22/2022 3:10:03 PM
Toluene	ND	0.048		mg/Kg	1	9/22/2022 3:10:03 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/22/2022 3:10:03 PM
Xylenes, Total	ND	0.096		mg/Kg	1	9/22/2022 3:10:03 PM
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	9/22/2022 3:10:03 PM
PA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	250	60		mg/Kg	20	9/28/2022 12:14:54 AM
	250	60		mg/Kg		20

Matrix: SOIL

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

Qualifiers:

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

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

Page 1 of 8

Jackson 17

2209A54-002

Project:

Lab ID:

Analytical Report Lab Order 2209A54

Date Reported: 9/29/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-11 Collection Date: 9/20/2022 10:05:00 AM

Received Date: 9/21/2022 7:30:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: DGH
Diesel Range Organics (DRO)	220	74	mg/Kg	5	9/23/2022 4:32:02 PM
Motor Oil Range Organics (MRO)	500	250	mg/Kg	5	9/23/2022 4:32:02 PM
Surr: DNOP	43.2	21-129	%Rec	5	9/23/2022 4:32:02 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/22/2022 4:20:49 PM
Surr: BFB	96.2	37.7-212	%Rec	1	9/22/2022 4:20:49 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	9/22/2022 4:20:49 PM
Toluene	ND	0.048	mg/Kg	1	9/22/2022 4:20:49 PM
Ethylbenzene	ND	0.048	mg/Kg	1	9/22/2022 4:20:49 PM
Xylenes, Total	ND	0.097	mg/Kg	1	9/22/2022 4:20:49 PM
Surr: 4-Bromofluorobenzene	97.5	70-130	%Rec	1	9/22/2022 4:20:49 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	240	60	mg/Kg	20	9/28/2022 12:27:15 AM

Matrix: SOIL

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

Qualifiers:

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

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

Page 2 of 8

Jackson 17 2209A54-003

Project:

Lab ID:

Analytical Report Lab Order 2209A54

Date Reported: 9/29/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-9 Collection Date: 9/20/2022 10:10:00 AM

Received Date: 9/21/2022 7:30:00 AM

Result	RL	Qual	Units	DF	Date Analyzed
GANICS					Analyst: DGH
1700	140		mg/Kg	10	9/23/2022 3:22:58 PM
1100	470		mg/Kg	10	9/23/2022 3:22:58 PM
0	21-129	S	%Rec	10	9/23/2022 3:22:58 PM
					Analyst: RAA
ND	5.0		mg/Kg	1	9/22/2022 4:44:23 PM
95.4	37.7-212		%Rec	1	9/22/2022 4:44:23 PM
					Analyst: RAA
ND	0.025		mg/Kg	1	9/22/2022 4:44:23 PM
ND	0.050		mg/Kg	1	9/22/2022 4:44:23 PM
ND	0.050		mg/Kg	1	9/22/2022 4:44:23 PM
ND	0.10		mg/Kg	1	9/22/2022 4:44:23 PM
97.0	70-130		%Rec	1	9/22/2022 4:44:23 PM
					Analyst: JTT
980	60		mg/Kg	20	9/28/2022 12:39:35 AM
	EGANICS 1700 1100 0 ND 95.4 ND ND ND ND ND ND 97.0	Instant Instant 1700 140 1100 470 0 21-129 ND 5.0 95.4 37.7-212 ND 0.025 ND 0.050 ND 0.050 ND 0.10 97.0 70-130	Instant Instant Instant 1700 140 1100 470 0 21-129 ND 5.0 95.4 37.7-212 ND 0.025 ND 0.050 ND 0.10 97.0 70-130	Indice Indice Curve Curve IGANICS 1700 140 mg/Kg 1100 470 mg/Kg 0 21-129 S %Rec ND 5.0 mg/Kg 95.4 37.7-212 %Rec ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND 0.10 mg/Kg 97.0 70-130 %Rec	Indext Index Index Index

Matrix: SOIL

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

Qualifiers:

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

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

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Project:

Jackson 17

Analytical Report Lab Order 2209A54

Date Reported: 9/29/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-10 Collection Date: 9/20/2022 10:15:00 AM Received Date: 9/21/2022 7:30:00 AM

Lab ID: 2209A54-004	Matrix: SOIL	Received Date: 9/21/2022 7:30:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/23/2022 3:54:48 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/23/2022 3:54:48 PM
Surr: DNOP	97.6	21-129	%Rec	1	9/23/2022 3:54:48 PM
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/22/2022 5:07:55 PM
Surr: BFB	94.7	37.7-212	%Rec	1	9/22/2022 5:07:55 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	9/22/2022 5:07:55 PM
Toluene	ND	0.048	mg/Kg	1	9/22/2022 5:07:55 PM
Ethylbenzene	ND	0.048	mg/Kg	1	9/22/2022 5:07:55 PM
Xylenes, Total	ND	0.096	mg/Kg	1	9/22/2022 5:07:55 PM
Surr: 4-Bromofluorobenzene	99.5	70-130	%Rec	1	9/22/2022 5:07:55 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	9/28/2022 12:51:56 AM

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

Qualifiers:

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

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

Page 4 of 8
Client: Project:	NTG Ei Jackson	nvironmental 17								
Sample ID:	MB-70444	SampType: M	BLK	Tes	tCode: EPA I	Method	300.0: Anions	5		
Client ID:	PBS	Batch ID: 70	444	F	RunNo: 9136	5				
Prep Date:	9/27/2022	Analysis Date: 9,	27/2022	S	SeqNo: 3270	700	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Lo	.owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-70444	SampType: LC	s	Tes	tCode: EPA I	Method	300.0: Anions	;		
Client ID:	LCSS	Batch ID: 70	444	F	RunNo: 9136	5				
Prep Date:	9/27/2022	Analysis Date: 9,	27/2022	5	SeqNo: 3270	701	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Lo	.owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	95.0	90	110			

Qualifiers:

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

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2209A54

29-Sep-22

Client: NTG En Project: Jackson	nvironmenta 17	1								
Sample ID: LCS-70355	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 703	355	F	RunNo: 9 1	268				
Prep Date: 9/22/2022	Analysis D	ate: 9/2	23/2022	S	SeqNo: 32	266106	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	15	50.00	0	81.1	64.4	127			
Surr: DNOP	4.2		5.000		83.0	21	129			
Sample ID: MB-70355	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 703	355	F	RunNo: 9 1	268				
Prep Date: 9/22/2022	Analysis D	ate: 9/2	23/2022	S	SeqNo: 32	266107	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		123	21	129			

Qualifiers:

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

WO#: 2209A54 29-Sep-22

Client: NTG E Project: Jacksor	nvironmenta 1 17	1								
Sample ID: Ics-70327	SampT	ype: LC	S	Tes	tCode: EF	A Method	8015D: Gasol	ine Range	ł	
Client ID: LCSS	Batch	ID: 703	327	F	RunNo: 9 1	225				
Prep Date: 9/21/2022	Analysis D	ate: 9/2	22/2022	S	SeqNo: 32	65220	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	72.3	137			
Surr: BFB	2000		1000		198	37.7	212			
Sample ID: mb-70327	SampT	ype: ME	BLK	Tes	tCode: EF	A Method	8015D: Gasol	ine Range	!	
Client ID: PBS	Batch	ID: 703	327	F	RunNo: 9 1	225				
Prep Date: 9/21/2022	Analysis D	ate: 9/2	22/2022	5	SeqNo: 32	65222	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.4	37.7	212			

Qualifiers:

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

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WO#: 2209A54 29-Sep-22

	NTG Environ Jackson 17	mental												
Sample ID: LCS-703	327	SampType	LCS	6	Tes	tCode: EF	A Method	8021B: Volati	les					
Client ID: LCSS		Batch ID	7032	27	RunNo: 91225									
Prep Date: 9/21/20)22 Ana	alysis Date	9/2	2/2022	5	SeqNo: 32	65259	Units: mg/K	g					
Analyte	Re	sult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	().97 0.	025	1.000	0	96.8	80	120						
Toluene	(0.99 0.	050	1.000	0	99.4	80	120						
Ethylbenzene		1.0 0.	050	1.000	0	101	80	120						
Xylenes, Total		3.0 0	0.10	3.000	0	101	80	120						
Surr: 4-Bromofluoroben	zene	1.0		1.000		103	70	130						
Sample ID: mb-7032	27	SampType	: MBI	LK	Tes	tCode: EP	A Method	8021B: Volati	les					
Client ID: PBS		Batch ID	7032	27	F	RunNo: 91	225							
Prep Date: 9/21/20)22 Ana	alysis Date	9/2	2/2022	Ś	SeqNo: 32	65261	Units: mg/K	g					
Analyte	Re	sult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene		ND 0.	025											
Toluene		ND 0.	050											
Ethylbenzene		ND 0.	050											
Kylenes, Total		ND (0.10											
Surr: 4-Bromofluoroben	zene	1.0		1.000		100	70	130						

Qualifiers:

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

2209A54

29-Sep-22

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albi TEL: 505-345-3975 Website: www.ha	490 uquerq FAX:	1 Hawkins we. NM 871 505-345-41	NE 109 107	Sample Log-In Check List				
Client Name: NTG Environmental	Work Order Number:	2209	9A54			RcptNo: 1			
Received By: Juan Rojas	9/21/202 1 ,7:30:00 AM			Hear	age				
	9/21/2022 9:54:03 AM								
Reviewed By: JN 9/21/22	52 02022 0.04.00 MM								
Chain of Custody									
1. Is Chain of Custody complete?		Yes		No		Not Present 🗌			
2. How was the sample delivered?		Clier	<u>nt</u>						
<u>Log In</u>									
3. Was an attempt made to cool the samples?		Yes	\checkmark	No		NA 🗌			
4. Were all samples received at a temperature of	>0° C to 6.0°C	Yes		No					
5. Sample(s) in proper container(s)?		Yes		No					
5. Sufficient sample volume for indicated test(s)?		Yes		No					
7. Are samples (except VOA and ONG) properly p	preserved?	Yes	\checkmark	No					
8. Was preservative added to bottles?		Yes		No		NA 🗌			
9. Received at least 1 vial with headspace <1/4" f	or AQ VOA?	Yes		No		NA 🗹			
0, Were any sample containers received broken?		Yes		No		# of preserved bottles checked	9/21/22		
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No		for pH:	2 unless noted)		
2. Are matrices correctly identified on Chain of Cu	istody?	Yes		No		Adjusted?			
3. Is it clear what analyses were requested?		Yes	\checkmark	No					
4. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No		Checked by:			
pecial Handling (if applicable)									
15. Was client notified of all discrepancies with thi	s order?	Yes		No		NA 🔽			
Person Notified:	Date:								
By Whom:	Via:	eM	ail 🗌 Ph	ione [] Fax	In Person			
Regarding: Client Instructions:									
16. Additional remarks:									
17. <u>Cooler Information</u> Cooler No Temp ⁰C Condition Sea 1 1.6 Good Yes	I Intact Seal No S	Seal D	ate	Signed	Ву				

Page 1 of 1

ENVIRONMENTAL	RY		37109							0/0	-imə	V) 08260 (V 8270 (S Total Cc								-	e 78 o
HALLE	ANALYS	www.hallen	4901 Hawkins NE - Alt		Anal	(c	IWS CB's / MRG	С202 (12 Б	2 / C 808/ 7.40	ides (GR(2015 (CR) (CR) (CR) (CR) (CR) (CR) (CR) (CR)	y 83 ethc	61EX) 1PH:s b 2081 Pe PPH:s b PCRA 8 RCRA 8 RCRA 8		XXXX	XXXXX	X				Remarks: Pirect Bill to EOG	
Turn-Around Time:	図 Standard 内 Rush う Du	Project Name:	Juckson #17	Project #:	226256		Hadre(- ¢	Da Ice. The Yes Da Ice Ice	olers: 1	(including CF): 1.6 - 0 = 1. ((°C)	tive HEAL No.	Nove/ice 001		Nore	000				in a bate Time	Via:
Chain-of-Custody Record	NTG ENVICONNENTAL		ess: 701 Tradecinds Ried SuiteC	tv 79700		email or Fax#: Bitasifell Putaloted. Cor		Contraction Contraction Contraction Contraction	Az Compliance Other			Matrix Sample Name	5 Bit-10	05 5 BH-11	5	~				Relinquished by:	Kelinquished by:
Chai	Client:		Mailing Address:	Mixt Cand	Phon	email or Fax			Accreditation:			Date Time		50:01 ot/b	a1:01 Ot/b	9/20 16:15				Date: Time: CM 0/20 14:66	Date: Time: F



October 24, 2022

Becky Haskell NTG Environmental 701 Tradewinds Blvd. Suite c Midland, TX 79706 TEL: (432) 766-1918 FAX

OrderNo.: 2209G22

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Jackson 17

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 16 sample(s) on 9/29/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Project: Jackson 17

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: BH-6 10' Collection Date: 9/27/2022 10:00:00 AM

110jeet. Juekson 17		Conce	cuon Dute.	Ion Dute:)/2//2022 10:00:00 / 101						
Lab ID: 2209G22-001	Matrix: SOIL	Rece	Received Date: 9/29/2022 7:30:00 AM							
Analyses	Result	RL Qu	al Units	DF	Date Analyzed					
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: mb					
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	10/13/2022 4:39:27 PM					
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/13/2022 4:39:27 PM					
Surr: DNOP	126	21-129	%Rec	1	10/13/2022 4:39:27 PM					
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst: BRM					
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/1/2022 5:43:00 AM					
Surr: BFB	106	37.7-212	%Rec	1	10/1/2022 5:43:00 AM					
EPA METHOD 8021B: VOLATILES					Analyst: BRM					
Benzene	ND	0.024	mg/Kg	1	10/1/2022 5:43:00 AM					
Toluene	ND	0.049	mg/Kg	1	10/1/2022 5:43:00 AM					
Ethylbenzene	ND	0.049	mg/Kg	1	10/1/2022 5:43:00 AM					
Xylenes, Total	ND	0.097	mg/Kg	1	10/1/2022 5:43:00 AM					
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	10/1/2022 5:43:00 AM					
EPA METHOD 300.0: ANIONS					Analyst: JTT					
Chloride	ND	60	mg/Kg	20	10/4/2022 7:47:23 PM					

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

Qualifiers:

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

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Jackson 17

2209G22-002

Project:

Lab ID:

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022

Client Sample ID: SW-4 4-8' Collection Date: 9/27/2022 10:02:00 AM Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	1900	290		mg/Kg	20	10/4/2022 1:37:46 PM
Motor Oil Range Organics (MRO)	2500	960		mg/Kg	20	10/4/2022 1:37:46 PM
Surr: DNOP	0	21-129	S	%Rec	20	10/4/2022 1:37:46 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/1/2022 6:02:00 AM
Surr: BFB	105	37.7-212		%Rec	1	10/1/2022 6:02:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	10/1/2022 6:02:00 AM
Toluene	ND	0.050		mg/Kg	1	10/1/2022 6:02:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	10/1/2022 6:02:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	10/1/2022 6:02:00 AM
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	10/1/2022 6:02:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	ND	60		mg/Kg	20	10/4/2022 7:59:48 PM

Matrix: SOIL

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

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

S % Recovery outside of range due to dilution or matrix interference

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

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Jackson 17

2209G22-003

Project:

Lab ID:

Analytical Report Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: SW-8 4-8' Collection Date: 9/27/2022 10:04:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst: mb
Diesel Range Organics (DRO)	3700	280	н	mg/Kg	20	10/18/2022 2:04:28 PM
Motor Oil Range Organics (MRO)	2500	940	н	mg/Kg	20	10/18/2022 2:04:28 PM
Surr: DNOP	0	21-129	SH	%Rec	20	10/18/2022 2:04:28 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/1/2022 6:22:00 AM
Surr: BFB	112	37.7-212		%Rec	1	10/1/2022 6:22:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	10/1/2022 6:22:00 AM
Toluene	ND	0.049		mg/Kg	1	10/1/2022 6:22:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/1/2022 6:22:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	10/1/2022 6:22:00 AM
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	10/1/2022 6:22:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	ND	60		mg/Kg	20	10/4/2022 8:12:12 PM

Matrix: SOIL

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

Qualifiers:

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

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Project:

Jackson 17

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022

Client Sample ID: BH-12 6' Collection Date: 9/27/2022 10:06:00 AM Received Date: 9/29/2022 7:30:00 AM

Lab ID: 2209G22-004	Matrix: SOIL	Received Date: 9/29/2022 7:30:00 AM							
Analyses	Result	RL Qua	al Units	DF	Date Analyzed				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: SB				
Diesel Range Organics (DRO)	470	71	mg/Kg	5	10/14/2022 9:56:17 PM				
Motor Oil Range Organics (MRO)	1000	240	mg/Kg	5	10/14/2022 9:56:17 PM				
Surr: DNOP	128	21-129	%Rec	5	10/14/2022 9:56:17 PM				
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: BRM				
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/1/2022 6:42:00 AM				
Surr: BFB	105	37.7-212	%Rec	1	10/1/2022 6:42:00 AM				
EPA METHOD 8021B: VOLATILES					Analyst: BRM				
Benzene	ND	0.024	mg/Kg	1	10/1/2022 6:42:00 AM				
Toluene	ND	0.048	mg/Kg	1	10/1/2022 6:42:00 AM				
Ethylbenzene	ND	0.048	mg/Kg	1	10/1/2022 6:42:00 AM				
Xylenes, Total	ND	0.097	mg/Kg	1	10/1/2022 6:42:00 AM				
Surr: 4-Bromofluorobenzene	98.6	70-130	%Rec	1	10/1/2022 6:42:00 AM				
EPA METHOD 300.0: ANIONS					Analyst: JTT				
Chloride	76	60	mg/Kg	20	10/4/2022 8:24:37 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Jackson 17

2209G22-005

Project:

Lab ID:

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: BH-13 6' Collection Date: 9/27/2022 10:08:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	220	140		mg/Kg	10	10/4/2022 3:45:08 PM
Motor Oil Range Organics (MRO)	550	480		mg/Kg	10	10/4/2022 3:45:08 PM
Surr: DNOP	0	21-129	S	%Rec	10	10/4/2022 3:45:08 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/1/2022 7:01:00 AM
Surr: BFB	107	37.7-212		%Rec	1	10/1/2022 7:01:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	10/1/2022 7:01:00 AM
Toluene	ND	0.048		mg/Kg	1	10/1/2022 7:01:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/1/2022 7:01:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	10/1/2022 7:01:00 AM
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	10/1/2022 7:01:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	96	60		mg/Kg	20	10/4/2022 9:01:50 PM

Matrix: SOIL

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

Qualifiers:

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

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Jackson 17

2209G22-006

Project:

Lab ID:

Analytical Report Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022

Client Sample ID: BH-14 6' Collection Date: 9/27/2022 10:10:00 AM Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: SB
Diesel Range Organics (DRO)	500	71		mg/Kg	5	10/14/2022 10:44:07 PN
Motor Oil Range Organics (MRO)	1100	240		mg/Kg	5	10/14/2022 10:44:07 PN
Surr: DNOP	133	21-129	S	%Rec	5	10/14/2022 10:44:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/1/2022 7:21:00 AM
Surr: BFB	107	37.7-212		%Rec	1	10/1/2022 7:21:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	10/1/2022 7:21:00 AM
Toluene	ND	0.050		mg/Kg	1	10/1/2022 7:21:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	10/1/2022 7:21:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	10/1/2022 7:21:00 AM
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	10/1/2022 7:21:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	180	61		mg/Kg	20	10/4/2022 9:14:14 PM

Matrix: SOIL

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

RL Reporting Limit

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Jackson 17

2209G22-007

Project:

Lab ID:

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: BH-15 4' Collection Date: 9/27/2022 10:12:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	410	150		mg/Kg	10	10/4/2022 5:10:04 PM
Motor Oil Range Organics (MRO)	1000	500		mg/Kg	10	10/4/2022 5:10:04 PM
Surr: DNOP	0	21-129	S	%Rec	10	10/4/2022 5:10:04 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/1/2022 7:41:00 AM
Surr: BFB	102	37.7-212		%Rec	1	10/1/2022 7:41:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	10/1/2022 7:41:00 AM
Toluene	ND	0.049		mg/Kg	1	10/1/2022 7:41:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/1/2022 7:41:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	10/1/2022 7:41:00 AM
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	10/1/2022 7:41:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	140	60		mg/Kg	20	10/4/2022 9:51:28 PM

Matrix: SOIL

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

Qualifiers:

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

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Analytical Report Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: BH-16 4'

Project:	Jackson 17		Collec	tion Date:	9/27/2	022 10:14:00 AM
Lab ID:	2209G22-008	Matrix: SOIL	Rece	ived Date:	9/29/2	022 7:30:00 AM
Analyses		Result	RL Qua	al Units	DF	Date Analyzed
EPA MET	HOD 8015M/D: DIESEL RAI	NGE ORGANICS				Analyst: SB
Diesel R	ange Organics (DRO)	650	29	mg/Kg	2	10/14/2022 11:32:07 PM
Motor Oi	I Range Organics (MRO)	870	95	mg/Kg	2	10/14/2022 11:32:07 PM
Surr: [DNOP	122	21-129	%Rec	2	10/14/2022 11:32:07 PM
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst: BRM
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	10/1/2022 8:20:00 AM
Surr: E	BFB	114	37.7-212	%Rec	1	10/1/2022 8:20:00 AM
EPA MET	HOD 8021B: VOLATILES					Analyst: BRM
Benzene		ND	0.024	mg/Kg	1	10/1/2022 8:20:00 AM
Toluene		ND	0.047	mg/Kg	1	10/1/2022 8:20:00 AM
Ethylben	zene	ND	0.047	mg/Kg	1	10/1/2022 8:20:00 AM
Xylenes,	Total	ND	0.094	mg/Kg	1	10/1/2022 8:20:00 AM
Surr: 4	4-Bromofluorobenzene	95.7	70-130	%Rec	1	10/1/2022 8:20:00 AM
EPA MET	HOD 300.0: ANIONS					Analyst: JTT
Chloride		430	60	mg/Kg	20	10/4/2022 10:03:53 PM

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

Qualifiers:

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

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Jackson 17

2209G22-009

Project:

Lab ID:

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: BH-17 4' Collection Date: 9/27/2022 10:16:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst: DGH
Diesel Range Organics (DRO)	220	150		mg/Kg	10	10/4/2022 6:03:39 PM
Motor Oil Range Organics (MRO)	670	480		mg/Kg	10	10/4/2022 6:03:39 PM
Surr: DNOP	0	21-129	S	%Rec	10	10/4/2022 6:03:39 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/1/2022 8:40:00 AM
Surr: BFB	103	37.7-212		%Rec	1	10/1/2022 8:40:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	10/1/2022 8:40:00 AM
Toluene	ND	0.049		mg/Kg	1	10/1/2022 8:40:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/1/2022 8:40:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	10/1/2022 8:40:00 AM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	10/1/2022 8:40:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	210	60		mg/Kg	20	10/4/2022 10:16:17 PM

Matrix: SOIL

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

Qualifiers:

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

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Jackson 17

2209G22-010

Project:

Lab ID:

Analytical Report Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: BH-18 4' Collection Date: 9/27/2022 10:18:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst: SB
Diesel Range Organics (DRO)	130	29		mg/Kg	2	10/15/2022 12:20:04 AM
Motor Oil Range Organics (MRO)	270	97		mg/Kg	2	10/15/2022 12:20:04 AM
Surr: DNOP	138	21-129	S	%Rec	2	10/15/2022 12:20:04 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/1/2022 9:00:00 AM
Surr: BFB	105	37.7-212		%Rec	1	10/1/2022 9:00:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	10/1/2022 9:00:00 AM
Toluene	ND	0.049		mg/Kg	1	10/1/2022 9:00:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/1/2022 9:00:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	10/1/2022 9:00:00 AM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	10/1/2022 9:00:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	400	60		mg/Kg	20	10/4/2022 10:28:41 PM

Matrix: SOIL

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

Qualifiers:

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

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Jackson 17 2209G22-011

Project:

Lab ID:

Analytical Report Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: BH-19 4' Collection Date: 9/27/2022 10:20:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: SB
Diesel Range Organics (DRO)	250	15		mg/Kg	1	10/15/2022 1:07:52 AM
Motor Oil Range Organics (MRO)	300	49		mg/Kg	1	10/15/2022 1:07:52 AM
Surr: DNOP	130	21-129	S	%Rec	1	10/15/2022 1:07:52 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/1/2022 9:19:00 AM
Surr: BFB	108	37.7-212		%Rec	1	10/1/2022 9:19:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	10/1/2022 9:19:00 AM
Toluene	ND	0.049		mg/Kg	1	10/1/2022 9:19:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/1/2022 9:19:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	10/1/2022 9:19:00 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	10/1/2022 9:19:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	1200	60		mg/Kg	20	10/4/2022 10:41:05 PM

Matrix: SOIL

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

Qualifiers:

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

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Jackson 17

2209G22-012

Project:

Lab ID:

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: SW-11 0-12' Collection Date: 9/27/2022 10:26:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: mb
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	10/13/2022 8:25:05 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/13/2022 8:25:05 PM
Surr: DNOP	120	21-129	%Rec	1	10/13/2022 8:25:05 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/1/2022 9:39:00 AM
Surr: BFB	111	37.7-212	%Rec	1	10/1/2022 9:39:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: BRM
Benzene	ND	0.024	mg/Kg	1	10/1/2022 9:39:00 AM
Toluene	ND	0.048	mg/Kg	1	10/1/2022 9:39:00 AM
Ethylbenzene	ND	0.048	mg/Kg	1	10/1/2022 9:39:00 AM
Xylenes, Total	ND	0.095	mg/Kg	1	10/1/2022 9:39:00 AM
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	10/1/2022 9:39:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	10/4/2022 10:53:29 PM

Matrix: SOIL

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

Qualifiers:

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

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Jackson 17

2209G22-013

Project:

Lab ID:

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: SW-12 0-6' Collection Date: 9/27/2022 10:28:00 AM

Received Date: 9/29/2022 7:30:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: mb
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	10/13/2022 8:39:17 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/13/2022 8:39:17 PM
Surr: DNOP	114	21-129	%Rec	1	10/13/2022 8:39:17 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/1/2022 9:59:00 AM
Surr: BFB	106	37.7-212	%Rec	1	10/1/2022 9:59:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: BRM
Benzene	ND	0.024	mg/Kg	1	10/1/2022 9:59:00 AM
Toluene	ND	0.048	mg/Kg	1	10/1/2022 9:59:00 AM
Ethylbenzene	ND	0.048	mg/Kg	1	10/1/2022 9:59:00 AM
Xylenes, Total	ND	0.097	mg/Kg	1	10/1/2022 9:59:00 AM
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	10/1/2022 9:59:00 AM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	10/4/2022 11:30:41 PM

Matrix: SOIL

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

Qualifiers:

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

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Project: Jackson 17

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: SW-13 0-6' Collection Date: 9/27/2022 10:30:00 AM

I I OJECU	Juckson 17		Conce	cuon Dute.	12112	1022 10.50.00 / HM
Lab ID:	2209G22-014	Matrix: SOIL	Rece	eived Date:	9/29/2	022 7:30:00 AM
Analyses		Result	RL Qu	al Units	DF	Date Analyzed
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: mb
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	10/13/2022 8:53:09 PM
Motor O	il Range Organics (MRO)	ND	48	mg/Kg	1	10/13/2022 8:53:09 PM
Surr:	DNOP	118	21-129	%Rec	1	10/13/2022 8:53:09 PM
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analyst: BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	10/1/2022 10:19:00 AM
Surr:	BFB	110	37.7-212	%Rec	1	10/1/2022 10:19:00 AM
EPA ME	THOD 8021B: VOLATILES					Analyst: BRM
Benzene	9	ND	0.025	mg/Kg	1	10/1/2022 10:19:00 AM
Toluene		ND	0.049	mg/Kg	1	10/1/2022 10:19:00 AM
Ethylber	nzene	ND	0.049	mg/Kg	1	10/1/2022 10:19:00 AM
Xylenes,	, Total	ND	0.099	mg/Kg	1	10/1/2022 10:19:00 AM
Surr:	4-Bromofluorobenzene	98.4	70-130	%Rec	1	10/1/2022 10:19:00 AM
EPA ME	THOD 300.0: ANIONS					Analyst: JTT
Chloride		ND	60	mg/Kg	20	10/4/2022 11:43:05 PM

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

Qualifiers:

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

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Jackson 17

Project:

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: SW-14 0-4' Collection Date: 9/27/2022 10:32:00 AM

Lab ID: 2209G22-015 Matrix: SOIL Received Date: 9/29/2022 7:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: mb Diesel Range Organics (DRO) 10/13/2022 9:06:55 PM ND 14 mg/Kg 1 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/13/2022 9:06:55 PM Surr: DNOP 117 21-129 %Rec 1 10/13/2022 9:06:55 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 10/1/2022 10:38:00 AM 4.7 mg/Kg 1 Surr: BFB 103 37.7-212 %Rec 1 10/1/2022 10:38:00 AM **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 10/1/2022 10:38:00 AM 0.023 mg/Kg 1 Toluene ND 0.047 mg/Kg 1 10/1/2022 10:38:00 AM Ethylbenzene ND 0.047 mg/Kg 1 10/1/2022 10:38:00 AM Xylenes, Total ND 0.093 mg/Kg 1 10/1/2022 10:38:00 AM Surr: 4-Bromofluorobenzene 97.8 70-130 %Rec 1 10/1/2022 10:38:00 AM Analyst: JTT **EPA METHOD 300.0: ANIONS** Chloride ND 60 10/4/2022 11:55:29 PM ma/Ka 20

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

 ND
 Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project: Jackson 17

Analytical Report
Lab Order 2209G22

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/24/2022 Client Sample ID: SW-15 0-4' Collection Date: 9/27/2022 10:34:00 AM

/2022 7:30:00 AM
Date Analyzed
Analyst: mb
10/13/2022 9:20:59 PM
10/13/2022 9:20:59 PM
10/13/2022 9:20:59 PM
Analyst: BRM
10/1/2022 10:58:00 AM
10/1/2022 10:58:00 AM
Analyst: BRM
10/1/2022 10:58:00 AM
Analyst: JTT
10/5/2022 12:07:53 AM

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

Qualifiers:

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

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Client: Project:	NTG Env Jackson 1	vironmenta 7	1								
Sample ID: ME	3-70594	SampT	ype: ME	BLK	Tes	tCode: EF	s				
Client ID: PB	S	Batch	n ID: 70	594	F	RunNo: 9 1	1529				
Prep Date: 1	0/4/2022	Analysis D	0ate: 10	0/4/2022	S	SeqNo: 32	278485	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LC	S-70594	SampT	ype: LC	S	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID: LC	SS	Batch	n ID: 70	594	F	RunNo: 9 1	1529				
Prep Date: 1	0/4/2022	Analysis D	ate: 10	0/4/2022	S	SeqNo: 32	278486	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.0	90	110			

Qualifiers:

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- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
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24-Oct-22

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

NTG Environmental

Project:	Jackson 1	7									
Sample ID:	2209G22-001AMS	SampTyp	e: MS	6	Test	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID:	BH-6 10'	Batch II	D: 70	522	R	RunNo: 9	1482				
Prep Date:	9/30/2022	Analysis Dat	e: 10)/4/2022	S	SeqNo: 3	278031	Units: mg/ #	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O Surr: DNOP	Organics (DRO)	29 3.2	14	46.82 4.682	0	62.2 68.1	36.1 21	154 129			
Sample ID:	2209G22-001AMS) SampTyp	e: MS	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID:	BH-6 10'	Batch II	D: 70	522	R	RunNo: 9	1482				
Prep Date:	9/30/2022	Analysis Dat	e: 10)/4/2022	S	SeqNo: 3	278032	Units: mg/H	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	Organics (DRO)	32	15	49.60	0	65.1	36.1	154	10.4	33.9	
Surr: DNOP		3.5		4.960		69.8	21	129	0	0	
Sample ID:	LCS-70522	SampTyp	e: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID:	LCSS	Batch II	D: 70	522	RunNo: 91482						
Prep Date:	9/30/2022	Analysis Dat	e: 10)/4/2022	S	SeqNo: 3	278040	Units: mg/h	ζg		
Analyte			PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	rganics (DRO)	32	15	50.00	0	63.6	64.4	127			S
Surr DNOP		3.2		5 000		63.1	21	120			
Surr: DNOP		3.2		5.000		63.1	21	129			
Sample ID:		SampTyp		BLK		tCode: El	PA Method	129 8015M/D: Di	esel Range	e Organics	
Sample ID: Client ID:	PBS	SampTyp Batch II	D: 70	3LK 511	R	tCode: El RunNo: 9	PA Method 1482	8015M/D: Di	-	e Organics	
Sample ID:	PBS	SampTyp	D: 70	3LK 511	R	tCode: El	PA Method 1482		-	• Organics	
Sample ID: Client ID: Prep Date: Analyte	PBS	SampTyp Batch II Analysis Dat Result	D: 70	3LK 511 0/3/2022 SPK value	R	tCode: El RunNo: 9 GeqNo: 3 %REC	PA Method 1482 278042 LowLimit	8015M/D: Di Units: %Re HighLimit	-	e Organics RPDLimit	Qual
Sample ID: Client ID: Prep Date:	PBS	SampTyp Batch II Analysis Dat	D: 70 e: 10	BLK 511 D/3/2022	R	tCode: El RunNo: 9 SeqNo: 3	PA Method 1482 278042	8015M/D: Di Units: %Re	C	-	Qual
Sample ID: Client ID: Prep Date: Analyte	PBS 9/30/2022	SampTyp Batch II Analysis Dat Result	D: 70 e: 10 PQL	BLK 511 0/3/2022 SPK value 10.00	R SPK Ref Val	tCode: El RunNo: 9 SeqNo: 3 %REC 73.2	PA Method 1482 278042 LowLimit 21	8015M/D: Di Units: %Re HighLimit	c %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP	PBS 9/30/2022 MB-70522	SampTyp Batch II Analysis Dat Result 7.3	D: 70 e: 10 PQL De: ME	3LK 511 3/3/2022 SPK value 10.00 3LK	R S SPK Ref Val Tesi	tCode: El RunNo: 9 SeqNo: 3 %REC 73.2	PA Method 1482 278042 LowLimit 21 PA Method	8015M/D: Di Units: %Re HighLimit 129	c %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID:	PBS 9/30/2022 MB-70522 PBS	SampTyp Batch II Analysis Dat Result 7.3 SampTyp	D: 70 e: 10 PQL De: ME D: 70	3LK 511)/3/2022 SPK value 10.00 3LK 522	R S SPK Ref Val Tesi R	tCode: El RunNo: 9 SeqNo: 3 %REC 73.2 tCode: El	PA Method 1482 278042 LowLimit 21 PA Method 1482	8015M/D: Di Units: %Re HighLimit 129	c %RPD esel Range	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID: Client ID:	PBS 9/30/2022 MB-70522 PBS	SampTyp Batch II Analysis Dat Result 7.3 SampTyp Batch II Analysis Dat	D: 70 e: 10 PQL De: ME D: 70	3LK 511 577 578 value 10.00 3LK 522 522	R S SPK Ref Val Tesi R	tCode: El RunNo: 9 SeqNo: 3: %REC 73.2 tCode: El RunNo: 9 SeqNo: 3:	PA Method 1482 278042 LowLimit 21 PA Method 1482 278043	8015M/D: Di Units: %Re HighLimit 129 8015M/D: Di	c %RPD esel Range	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range O	PBS 9/30/2022 MB-70522 PBS 9/30/2022	SampTyp Batch II Analysis Dat Result 7.3 SampTyp Batch II Analysis Dat Result ND	D: 709 e: 10 PQL De: ME D: 709 e: 10 PQL 15	3LK 511 577 578 value 10.00 3LK 522 522	R SPK Ref Val Tes R S	tCode: El RunNo: 9 SeqNo: 3: %REC 73.2 tCode: El RunNo: 9 SeqNo: 3:	PA Method 1482 278042 LowLimit 21 PA Method 1482 278043	8015M/D: Di Units: %Re HighLimit 129 8015M/D: Di Units: mg/k	c %RPD esel Range	RPDLimit	
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range O Motor Oil Range	PBS 9/30/2022 MB-70522 PBS 9/30/2022	SampTyp Batch II Analysis Dat Result 7.3 SampTyp Batch II Analysis Dat Result ND ND	D: 709 e: 10 PQL De: ME D: 709 e: 10 PQL	3LK 511)/3/2022 SPK value 10.00 3LK 522)/4/2022 SPK value	R SPK Ref Val Tes R S	tCode: El RunNo: 9 SeqNo: 3 %REC 73.2 tCode: El RunNo: 9 SeqNo: 3 %REC	PA Method 1482 278042 LowLimit 21 PA Method 1482 278043 LowLimit	8015M/D: Di Units: %Re HighLimit 129 8015M/D: Di Units: mg/P HighLimit	c %RPD esel Range	RPDLimit	
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range O Motor Oil Range Surr: DNOP	PBS 9/30/2022 MB-70522 PBS 9/30/2022 Drganics (DRO) e Organics (MRO)	SampTyp Batch II Analysis Dat Result 7.3 SampTyp Batch II Analysis Dat Result ND ND 7.5	D: 70 e: 10 PQL De: ME D: 70 e: 10 PQL 15 50	3LK 511)/3/2022 SPK value 10.00 3LK 522)/4/2022 SPK value 10.00	R SPK Ref Val Test R SPK Ref Val	tCode: El RunNo: 9 SeqNo: 3 %REC 73.2 tCode: El RunNo: 9 SeqNo: 3 %REC 75.2	PA Method 1482 278042 LowLimit 21 PA Method 1482 278043 LowLimit 21	8015M/D: Di Units: %Re HighLimit 129 8015M/D: Di Units: mg/P HighLimit 129	c %RPD esel Range (g %RPD	RPDLimit	
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range O Motor Oil Range Surr: DNOP Sample ID:	PBS 9/30/2022 MB-70522 PBS 9/30/2022 Drganics (DRO) e Organics (MRO) MB-70784	SampTyp Batch II Analysis Dat Result 7.3 SampTyp Batch II Analysis Dat Result ND 7.5 SampTyp	D: 70 e: 10 PQL De: ME D: 70 e: 10 PQL 15 50 De: ME	3LK 511)/3/2022 SPK value 10.00 3LK 522 SPK value 10.00 3LK	R SPK Ref Val Tesi SPK Ref Val Tesi	tCode: El RunNo: 9 SeqNo: 3: %REC 73.2 tCode: El RunNo: 9 SeqNo: 3: %REC 75.2 tCode: El	PA Method 1482 278042 LowLimit 21 PA Method 1482 278043 LowLimit 21 PA Method	8015M/D: Di Units: %Re HighLimit 129 8015M/D: Di Units: mg/P HighLimit	c %RPD esel Range (g %RPD	RPDLimit	
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range O Motor Oil Range Surr: DNOP Sample ID: Client ID:	PBS 9/30/2022 MB-70522 PBS 9/30/2022 Drganics (DRO) e Organics (MRO) MB-70784 PBS	SampTyp Batch II Analysis Dat Result 7.3 SampTyp Batch II Analysis Dat Result ND ND 7.5 SampTyp Batch II	D: 709 e: 10 PQL D: 709 e: 10 PQL 15 50 De: 10 De: 10 De: 70	3LK 511)/3/2022 SPK value 10.00 3LK 522 SPK value 10.00 3LK 784	R SPK Ref Val Tesi SPK Ref Val SPK Ref Val	tCode: El RunNo: 9 SeqNo: 3: %REC 73.2 tCode: El RunNo: 9 SeqNo: 3: %REC 75.2 tCode: El RunNo: 9	PA Method 1482 278042 LowLimit 21 PA Method 1482 278043 LowLimit 21 PA Method 1780	8015M/D: Di Units: %Re HighLimit 129 8015M/D: Di Units: mg/H HighLimit 129 8015M/D: Di	c %RPD esel Range %RPD esel Range	RPDLimit	
Sample ID: Client ID: Prep Date: Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range O Motor Oil Range Surr: DNOP Sample ID:	PBS 9/30/2022 MB-70522 PBS 9/30/2022 Drganics (DRO) e Organics (MRO) MB-70784	SampTyp Batch II Analysis Dat Result 7.3 SampTyp Batch II Analysis Dat Result ND 7.5 SampTyp	D: 709 e: 10 PQL D: 709 e: 10 PQL 15 50 De: 10 De: 10 De: 70	3LK 511)/3/2022 SPK value 10.00 3LK 522 SPK value 10.00 3LK 784)/13/2022	R SPK Ref Val Tesi SPK Ref Val SPK Ref Val	tCode: El RunNo: 9 SeqNo: 3: %REC 73.2 tCode: El RunNo: 9 SeqNo: 3: %REC 75.2 tCode: El	PA Method 1482 278042 LowLimit 21 PA Method 1482 278043 LowLimit 21 PA Method 1780	8015M/D: Di Units: %Re HighLimit 129 8015M/D: Di Units: mg/P HighLimit 129	c %RPD esel Range %RPD esel Range	RPDLimit	

Qualifiers:

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- S % Recovery outside of range due to dilution or matrix interference
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- E Estimated value
- J Analyte detected below quantitation limits
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- RL Reporting Limit

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Client: Project:	NTG Env Jackson 1		ıl									
Sample ID: MB	-70784	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics		
Client ID: PB	s	Batc	h ID: 70	784	RunNo: 91780							
Prep Date: 10)/12/2022	Analysis E	Date: 10	0/13/2022	SeqNo: 3291592			Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organ	,	ND	15									
Motor Oil Range Org	ganics (MRO)	ND	50									
Surr: DNOP		12		10.00		115	21	129				
Sample ID: LCS	S-70784	SampT	Гуре: LC	s	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics		
Client ID: LCS	SS	Batcl	h ID: 70	784	F	RunNo: 9	1780					
Prep Date: 10)/12/2022	Analysis E	Date: 10	0/13/2022	5	SeqNo: 32	291593	Units: mg/k	ζg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organ	nics (DRO)	58	15	50.00	0	116	46.9	103			S	
Surr: DNOP		6.0		5.000		120	21	129				
Sample ID: LCS	SD-70784	SampT	Type: LC	SD	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCS	SS02	Batc	h ID: 70 '	784	RunNo: 91780							
Prep Date: 10)/12/2022	Analysis E	Date: 10	0/13/2022	SeqNo: 3291594 Units: mg/Kg				٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organ	nics (DRO)	60	15	50.00	0	119	46.9	103	3.06	20	S	
Surr: DNOP		5.9		5.000		119	21	129	0	0		
Sample ID: LCS	S-70784	SampT	Type: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCS	SS	Batcl	h ID: 70	784	F	RunNo: 9 ′	1846					
Prep Date: 10)/12/2022	Analysis E	Date: 10	0/14/2022	S	SeqNo: 32	293516	Units: mg/k	٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organ	nics (DRO)	58	15	50.00	0	117	64.4	127				
Surr: DNOP		6.1		5.000		122	21	129				
Sample ID: LCS	SD-70784	SampT	Гуре: LC	SD	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics		
Client ID: LCS	SS02	Batcl	h ID: 70	784	F	RunNo: 9 '	1846					
Prep Date: 10)/12/2022	Analysis E	Date: 10	0/14/2022	S	SeqNo: 3	293517	Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organ	nics (DRO)	58	15	50.00	0	117	64.4	127	0.0411	20		
Surr: DNOP		6.0		5.000		119	21	129	0	0		

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ND Not Detected at the Reporting Limit

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RL Reporting Limit

WO#: 2209G22 24-Oct-22

	TG Environmenta ackson 17	al								
Sample ID: LCS-7087	9 Samp	Туре: LC	S	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batc	h ID: 70	879	F	RunNo: 9 ′	1878				
Prep Date: 10/17/20	22 Analysis I	Date: 10	0/18/2022	S	SeqNo: 32	294924	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DR	0) 57	15	50.00	0	114	64.4	127			
Surr: DNOP	6.0		5.000		121	21	129			
Sample ID: LCSD-708	379 Samp	Type: LC	SD	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS02	Batc	h ID: 70	879	F	RunNo: 9 ′	1878				
Prep Date: 10/17/20	22 Analysis I	Date: 10	0/18/2022	S	SeqNo: 32	294925	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DR	0) 54	15	50.00	0	107	64.4	127	6.07	20	
Surr: DNOP	5.7		5.000		113	21	129	0	0	
Sample ID: MB-70879	Samp ⁻	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batc	h ID: 70	879	F	RunNo: 91878					
Prep Date: 10/17/20	22 Analysis I	Date: 10	0/18/2022	5	SeqNo: 32	294926	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DR	0) ND	15								
Motor Oil Range Organics (I	MRO) ND	50								
Surr: DNOP	14		10.00		142	21	129			S

Qualifiers:

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- ND Not Detected at the Reporting Limit
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- S % Recovery outside of range due to dilution or matrix interference
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- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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24-Oct-22

Client: NTG E Project: Jackson	nvironmenta n 17	1								
Sample ID: Ics-70502	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch	n ID: 70	502	F	RunNo: 9 1	1437				
Prep Date: 9/29/2022	Analysis D	ate: 10	/1/2022	S	SeqNo: 32	275452	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.1	72.3	137			
Surr: BFB	2200		1000		221	37.7	212			S
Sample ID: mb-70502	SampT	ype: ME	BLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch	n ID: 70	502	F	RunNo: 9	1437				
Prep Date: 9/29/2022	Analysis D	ate: 10	/1/2022	S	SeqNo: 32	275453	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		105	37.7	212			

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

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	G Environmenta kson 17	al								
Sample ID: Ics-70502		Туре: LC	.e	Tos	tCode: FI	PA Method	8021B: Volat	lilos		
·							00210. 0010	lines		
Client ID: LCSS	Batc	h ID: 70	502	F	RunNo: 9	1437				
Prep Date: 9/29/2022	Analysis [Date: 10)/1/2022	S	SeqNo: 3	275480	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.9	80	120			
Toluene	0.94	0.050	1.000	0	94.1	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.0	80	120			
Surr: 4-Bromofluorobenzene	e 0.97		1.000		96.9	70	130			
Sample ID: mb-70502	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 70	502	F	RunNo: 9	1437				
Prep Date: 9/29/2022	Analysis I	Date: 10	0/1/2022	S	SeqNo: 3	275481	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	e 0.96		1.000		95.7	70	130			

Qualifiers:

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- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
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24-Oct-22

ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505		01 Hawkins que, NM 87 : 505-345-4	NE 109 S 107	San	nple Log-In Ch	Page 102 eck List
Client Name: NTG Environmental	Work Orde	r Number: 220	9G22			RcptNo: 1	
Received By: Juan Rojas Completed By: Tracy Casarrubias	9/29/2022 7:3 9/29/2022 10			Guard	B		
Deviewed D	.29.22	.23.33 AW					
Chain of Custody							
1. Is Chain of Custody complete?		Ye		No		Not Present	
2. How was the sample delivered?			<u>irier</u>				
Log In							
3. Was an attempt made to cool the sa	mples?	Yes		No			
4. Were all samples received at a temp	erature of >0° C to 6.0°	°C Yes		No [
5. Sample(s) in proper container(s)?		Yes		No [
6. Sufficient sample volume for indicate	d test(s)?	Yes		No [
7. Are samples (except VOA and ONG)	properly preserved?	Yes		No [
8. Was preservative added to bottles?		Yes		No B		NA 🗆	
9. Received at least 1 vial with headspa	ce <1/4" for AQ VOA?	Yes		No [NA 🗹	
10. Were any sample containers receive	d broken?	Yes		No		# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custo		Yes	V	No [bottles checked for pH:	9 29
12. Are matrices correctly identified on C		Yes		No [Adjusted?	unless noted)
13. Is it clear what analyses were request		Yes		No [
14. Were all holding times able to be met (If no, notify customer for authorizatio		Yes		No [Checked by:	
Special Handling (if applicable)							
15. Was client notified of all discrepancie	s with this order?	Yes		No [NA 🗹	
Person Notified: By Whom: Regarding: Client Instructions:		Date: Via: 🗌 eM	ail 🗌 Pho	one 🗌 F	Fax	In Person	
16. Additional remarks:							
17. <u>Cooler Information</u> Cooler No Temp ºC Conditic	n Seal Intact Seal	No. Could	nto -		. 1		
1 1.0 Good	Yes	No Seal D	ate S	igned By	y		

Page 1 of 1

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October 03, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON #17

Enclosed are the results of analyses for samples received by the laboratory on 09/30/22 12:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 - EDDY CO NM

Analytical Results For: NTG ENVIRONMENTAL

		BECKY HASKELL 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	IITE C	
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez

Sample ID: SW - 9 (H224568-01)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	16.0	10/03/2022	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	Qualifie
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	211	105	200	6.40	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	204	102	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	107 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	46.3-17	0						

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: BH - 20 (H224568-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	10/03/2022	ND	400	100	400	3.92	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	10/01/2022	ND	211	105	200	6.40	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	204	102	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: BH - 21 (H224568-03)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4920	16.0	10/03/2022	ND	400	100	400	3.92	
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	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	29.4	10.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	117 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 16 (H224568-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	10/03/2022	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	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	125	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 17 (H224568-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	10/03/2022	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	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	116 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S		
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 18 (H224568-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	1.39	0.200	09/30/2022	ND	1.91	95.5	2.00	8.46	GC-NC1
Ethylbenzene*	17.8	0.200	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	77.8	0.600	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	96.9	1.20	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	240	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8160	16.0	10/03/2022	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*	2700	50.0	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	15400	50.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	2200	50.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	725	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	285	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S		
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 19 (H224568-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	1.09	0.200	09/30/2022	ND	1.91	95.5	2.00	8.46	GC-NC1
Ethylbenzene*	11.0	0.200	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	50.1	0.600	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	62.2	1.20	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	210	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	10/03/2022	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*	1590	50.0	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	10000	50.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	1650	50.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	363	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	227	% 46.3-17	'8						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S		
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 20 (H224568-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	0.390	0.200	09/30/2022	ND	1.91	95.5	2.00	8.46	GC-NC1
Ethylbenzene*	9.39	0.200	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	34.4	0.600	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	44.2	1.20	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	200 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	10/03/2022	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*	1120	50.0	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	8960	50.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	1480	50.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	402 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	212 9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL		
		701 TRADEWINDS BLVD. S	SUITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 21 (H224568-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	0.526	0.200	09/30/2022	ND	1.91	95.5	2.00	8.46	GC-NC1
Ethylbenzene*	10.8	0.200	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	43.3	0.600	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	54.7	1.20	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	225 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	10/03/2022	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*	1380	50.0	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	13900	50.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	2350	50.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	402 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	275 9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/30/2022		Sampling Date:	09/30/2022
Reported:	10/03/2022		Sampling Type:	Soil
Project Name:	JACKSON #17		Sampling Condition:	Cool & Intact
Project Number:	226256		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: SW - 22 (H224568-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/03/2022	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	10/01/2022	ND	208	104	200	5.64	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	231	115	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	129	45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	46.3-17	8						

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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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 13 of 13

(575) 393-2326 FAX (575) 393-2476	(575) 393-2476	BILL TO		ANALTOIS NERVECT	-
Company Name: NTG Environmental			0)		
Project Manager: iSechy Hasinel		Company: Direct Bull			
Address: 70 Tradewinds I	dotor totob	1	720		
nidland		Address:	0/1		
1-1-1-1	+ Owner: EOG	City:			
95296		State: Zip:			
T		Phone #:	-		_
Project Location: Eddy Ca, NM			30		
Sampler Name: Triemy Beidh	MATRIX	PRESERV. SAMPLING	E	2	
FOR LAB USE ONLY	ERS		H Band		
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04M5 8	C 1 X	01/30	10:16 X X	~ ~	
10 500 22	C) C)	or tort, shall be limited to the amount pai	amount paid by the client for the		
PLEASE NOTE: Liability and Damages. Cardinal's liability and or analyses. All claims including those for negligence and any other analyses. All claims including those for negligence and any other analyses. All claims including those for negligence and any other analyses. All claims including those for negligence and any other analyses.	PLEXE NOTE: Liability and Damages. Cardina's liability and clients a sociative environment waved unless made in writing and received of Varianian wave over the sociation of the	I received by Calcuman works or	sient, its subsidiaries. asons or otherwise.	Add'I Phone #:	
service, in no event strain caracteristic or related to the performan affiliates or successors arising out of or related to the performan Relinguished By:	Date: q/30/10 Received By:		All Results are emailed.	Please prov	
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Delivered By: (Circle One)	Temp. °C 71.9° Sample Cou	tion CHECKED BY:	Turnaround Time: Thermometer ID #113	Rush Cool Intact Obse	Observed Temp. "C Corrected Temp. °C
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PORM-000 K 3.3 07/18/22	+ Condinal cannot accept verbal ch	anges. Please email ch	anges to celey.noone		

Page 117 of 172

101 East Marland, Hobbs, NM 88240



October 24, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON B #17 FLOWLINE AREA #2

Enclosed are the results of analyses for samples received by the laboratory on 10/20/22 8:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 22 @ (10') (H224931-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300 0.300		10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	432	108	400	3.64	
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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane		% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 23 @ (8') (H224931-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	10/21/2022	ND	432	108	400	3.64	
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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	130	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	34.6	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

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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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Sampler - UPS - Bus - Ot	Kelinquisned By:	Nicu	ms indu	PLEASE NOTE: Liablify and Dave	C	2-1	Lab I.D. H224931	FOR LAB USE ONLY	Sampler Name:	Project Location	Project Name: Inch	Phone #: 432-/00-1918	city: Midland	Address: /U1	Project Manager	Company Name:	
her:		Hart	igence and for incidents ad to the pe	adde Candina Tu Bad	BH- 23	H- a	an			Project Location: Eddy Co, NM		100-1918		701 Tradwinds Blvd. Suite C	Project Manager: Becky Haskell	NTGE	0
Observed Temp. *C Corrected Temp. *C	Date: Time:	Time: (0/20/22	any offer clause whatsonew shall be demined where a case in nonline (or cort, shall be intraced to train 1) or consequential demages, including without limitation, business interruptions, loss of use, or loss of potilis is formarcical services hereiunder by Cardinal, regardless of whether such claim is based upon any of the abo- formarcical Services hereiunder by Cardinal, regardless of whether such claim is based upon any of the abo-		((C)	0(10)	I.D.			M	Project Owner: EUG	Fax #:	State: TX	3lvd. Suite C	ell		11 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
24	Rece	Am 2 Sece	deemed wa g without lim Cardinal, reg		C	0	(G)RAB OR (C)OMP. # CONTAINERS	1		lea #		7	Zip:				8240 2476
Sample Condition Cool Intact	Received By:	Jannand Br.	cause whistowers and used on an early means used in contract or sur, used or innovation by the control to the cause whistowers the demand without instantiation of means of mowind by Cardna within 30 days after completion of the applicable quantal damages, including without imitation, business interruptions, loss of uses, or loss of profits incurred by client, its subsidiaries, of services interruption by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwese.		×	×	GROUNDWATER WASTEWATER	MATRIX		-2		S	79703				
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Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	ecky Haskell, Chase Settle and	□ No Add'l Phone #: aase provide Email address:														ANALYSIS REQUEST	

Page 5 of 5



November 01, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON B #17 FLOWLINE AREA #2

Enclosed are the results of analyses for samples received by the laboratory on 10/28/22 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/28/2022	Sampling Date:	10/28/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: (10' - 15') SW- 21A (H225097-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.4	2.00	1.70	
Toluene*	<0.050	0.050	10/31/2022	ND	2.16	108	2.00	1.45	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.03	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.16	103	6.00	2.38	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/28/2022	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	10/28/2022	ND	217	108	200	1.30	
DRO >C10-C28*	39.2	10.0	10/28/2022	ND	220	110	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/28/2022	Sampling Date:	10/28/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: (10' - 15') SW- 22 (H225097-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.4	2.00	1.70	
Toluene*	<0.050	0.050	10/31/2022	ND	2.16	108	2.00	1.45	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.03	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.16	103	6.00	2.38	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	10/28/2022	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	10/28/2022	ND	217	108	200	1.30	
DRO >C10-C28*	72.0	10.0	10/28/2022	ND	220	110	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	73.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.4	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/28/2022	Sampling Date:	10/28/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW- 23 (10'-15') (H225097-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.4	2.00	1.70	
Toluene*	<0.050	0.050	10/31/2022	ND	2.16	108	2.00	1.45	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.03	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.16	103	6.00	2.38	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	10/28/2022	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	10/28/2022	ND	217	108	200	1.30	
DRO >C10-C28*	58.4	10.0	10/28/2022	ND	220	110	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/28/2022	Sampling Date:	10/28/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW- 24 (10'-15') (H225097-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.4	2.00	1.70	
Toluene*	<0.050	0.050	10/31/2022	ND	2.16	108	2.00	1.45	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.03	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.16	103	6.00	2.38	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/28/2022	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	10/28/2022	ND	217	108	200	1.30	
DRO >C10-C28*	14.1	10.0	10/28/2022	ND	220	110	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/28/2022	Sampling Date:	10/28/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW- 25 (10'-15') (H225097-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.4	2.00	1.70	
Toluene*	<0.050	0.050	10/31/2022	ND	2.16	108	2.00	1.45	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.03	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.16	103	6.00	2.38	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/28/2022	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	10/28/2022	ND	217	108	200	1.30	
DRO >C10-C28*	418	10.0	10/28/2022	ND	220	110	200	0.330	
EXT DRO >C28-C36	97.8	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	150 \$	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/28/2022	Sampling Date:	10/28/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW- 26 (10'-15') (H225097-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.4	2.00	1.70	
Toluene*	<0.050	0.050	10/31/2022	ND	2.16	108	2.00	1.45	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.03	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.16	103	6.00	2.38	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/28/2022	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	10/28/2022	ND	217	108	200	1.30	
DRO >C10-C28*	170	10.0	10/28/2022	ND	220	110	200	0.330	
EXT DRO >C28-C36	47.8	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/28/2022	Sampling Date:	10/28/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	Cool & Intact
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH- 24 (25') (H225097-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.4	2.00	1.70	
Toluene*	<0.050	0.050	10/31/2022	ND	2.16	108	2.00	1.45	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.03	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.16	103	6.00	2.38	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1400	16.0	10/28/2022	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	10/28/2022	ND	217	108	200	1.30	
DRO >C10-C28*	232	10.0	10/28/2022	ND	220	110	200	0.330	
EXT DRO >C28-C36	37.8	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Ot	Relinquished By:	D 5	PLEASE NOTE: Lublity and Damages. Cardina's liability and analyses. All claims including those for negligence and any ob- service. In no event shall Cardinal be liable for incidential or our service.		10	-0			10-1	0	II do UII	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location: Eddy Co. NM	Project Name: Jackso	Project #: 226201	Phone #: 432-766-1918	dland	Address: 701 Trady	Project Manager: Becky Haskell	Company Name: NITOE	101 East	Lab
Observe Correcte	Date:	ng out of of reasons to the period inside of the 10 20 2	client's exclusive rem er cause whatsoever rsequental damages, ora of services hereu		 24 25	10-26 10-	-25	2	- 72 - 20	1	1 SW- 21A	Sample I.D.			Co. NM	Project Name: Jackson B #17 Flowline Area #2	Project Owner:	Fax #:	State: TX	Tradwinds Blvd. Suite C	/ Haskell		101 East Marland, Hobbs, NM 88240	oratories
·C 4,1 Sample Condition Cool Intact -C 4,1 D No D No	Received By:	Received By:	or any carn arang wave to solve the ba deemat waived unless made in writing and no drug without limitation, business interruptions, loss by Cardinal, regardless of whether such cleim is be		 CIX	X III	N C I X		X	C I X	- ×	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	IP. MATRIX			rea #2	EOG		zip: 797085				240	N
d Temp. "C 4, 7 Sample Condition CHECKED BY: Turmaround Time: Standard Bacteria (only) Sam d Temp. "C 4, 1 Cool Intact (Initials) Thermometer ID #113 Same Day Cool Intact Ob d Temp. "C 4, 1 No No No No Correction Factor 0.5"C 0.1 TPH No No Co	Nonanna	Mille	No da	and in contract or tort, shall be limited to the amount	1	10			1	4		SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	PRESERV.	1	Phone #:	State: Zip:	City:	Address:	Attn: Chase Settle	company: EOG	P.O. #:	BILL TO		
Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	remarks: En An	All Results are en	after completion of the applicable by client, its subsidiaries, d reasons or otherwise.		1200 X	1150 X	IL40 X	1130 X	1120 X	X all	X DOO X	BTEX 80	_	3										
Standard L Rush Day L Same Day L 0.5°C CL TPH	Email: Becky Ha	×.			XX	XX	XX	XX	XX	XX	XX	TPH 801				D/1	DF	20	/ M	RC)	ANA		
Bacteria (only) Sample Conductor Cool Intact Observed Temp. °C Uvec Ves No Corrected Temp. °C	XS 0	Email address:	Add'I Phone #:																			ANALYSIS REQUEST		



November 04, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON B #17 FLOWLINE AREA #2

Enclosed are the results of analyses for samples received by the laboratory on 10/31/22 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 4A (H225114-01)

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	11/02/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	542	10.0	11/02/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	206	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	98.4 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	143 %	6 46.3-17	8						

Sample ID: SW - 8A (H225114-02)

TPH 8015M	mg/l	٨g	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	11/02/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	82.0	10.0	11/02/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	30.4	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	98.7 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 %	6 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 25 (4') (H225114-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/01/2022	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	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 27 (H225114-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/01/2022	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	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	11.5	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	11.4	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	107 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 28 (H225114-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	urrogate: 4-Bromofluorobenzene (PID 87.0 % 69.9-1-		0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/01/2022	ND	400	100	400	3.92	
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	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	132 9	% 46.3-17	8						

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Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 29 (H225114-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/01/2022	ND	400	100	400	3.92	
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	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	110 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	132	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 30 (H225114-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/01/2022	ND	400	100	400	3.92	
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	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

BLL TO State: TX ZIP: 7970@S Atm: Chase Settle Fax #: FORE COmpany: EOG Fax #: FORE Clby: Address: Project Owner: EOG Clby: State: Project Owner: EOG Clby: Preserve Project Owner: EOG State: Zip: Project Owner: EOG Preserve Preserve Prover Preserve Preserve Preserve Prover Preserve Preserve Preserve ATT Cll X Old Sign Address: Preserve Prover Cll X Old Sign Address: Preserve Prover Cll X Old Sign Address: Preserve Preserve Cll X Old Sign Address: X Preserve Cll X Old Sign Address: X Preserve Cll X Old Sign Address: X Preserve Cll X	Relinquished By:	PLEASE NOTE: Labitly and Damages. Cardinal's labitly and analyses. All claims including those for negligence and any oth sankar. In no seand shall Cardinal to labe for including to affinias or successor arking out of or related to the performan affinias or successor arking out of or related to the performan	7	6	5	5	لل	2	1100011	Lab I.D.	Sampler Name:	Project Location: Eddy Co, NM	Project Name: Jack	Project #: 226201	Phone #: 432-766-1918	city: Midland	Address: 701 Tra		Company Name: NT
BILL TO P.O.#. Company: EOG Address: State: Zip: Phone #: Fax #: Prove # Verball Factor Verball Factor Verball Factor Coll Inflate: Coll Inflate: <td></td> <td>and Damages. Cardinal's liability and client's exclusive remedy for drug those for negligance and any other cause whatsoewer shats Cardina be liabile for incidential or consequential damages, incide Cardina be liabile for bits performance of services hereunder be</td> <td>8</td> <td>1</td> <td>1</td> <td>2</td> <td>-25 (</td> <td>SW-0A</td> <td>SW-4A</td> <td>Sample I.D.</td> <td></td> <td>dy Co, NM</td> <td>son B #17 Flowline A</td> <td>Project Owne</td> <td></td> <td>State:</td> <td>d.</td> <td>cky Haskell</td> <td>GE</td>		and Damages. Cardinal's liability and client's exclusive remedy for drug those for negligance and any other cause whatsoewer shats Cardina be liabile for incidential or consequential damages, incide Cardina be liabile for bits performance of services hereunder be	8	1	1	2	-25 (SW-0A	SW-4A	Sample I.D.		dy Co, NM	son B #17 Flowline A	Project Owne		State:	d.	cky Haskell	GE
Inc Inc	Received	any claim articing whether based in contra to determed waived unities made in writing forg without limitation, business interruption for gathout limitation, business interruption y Candinau, regardless of whether such clai		-	-	C X	C - X	CI X	- ×	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL			rea #2	EOG		Zip: 7970\$5			
Amber and Time: 1 S: Email: S: Email: X X X X X X TPH 8015M (GRO / DRO / MRO)	CHECKED BY: (Initials)	ct or tort, shall be limited to the amount pad b and mocived by Cardinal within 30 days after o s, case of use, or lease of profits incurred by offer m is based upon any of the above stated ready	2	31	10	5	2	2	10/st	OTHER : ACID/BASE: ICE / COOL OTHER :	TOFOV	Phone #:		City:	Address:	Attn: Chase Settle	company: EOG	P.O. #:	BILL TO
ANALYSIS RE ANALYSIS RE Andarb Children #: Backell, Children #: Backell, Children #: Backerla (o Cool Intac		The The applicable ries, se.	XX	XX	XX	XX	XXC	210 X		M 22 BTEX 8021E	3	BRC	0/1	DR	0	/ M	RC))	



November 03, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON B #17 FLOWLINE AREA #2

Enclosed are the results of analyses for samples received by the laboratory on 11/02/22 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/qa/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



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/03/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH- 26 (25') (H225159-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/03/2022	ND	1.82	91.1	2.00	0.221	
Toluene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	0.371	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.07	103	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.30	105	6.00	1.09	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	11/02/2022	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	Qualifie
GRO C6-C10*	<10.0	10.0	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/03/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH- 27 (25') (H225159-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.82	91.1	2.00	0.221	
Toluene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	0.371	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.07	103	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.30	105	6.00	1.09	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/02/2022	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*	<10.0	10.0	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.5	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/03/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 31 (H225159-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.82	91.1	2.00	0.221	
Toluene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	0.371	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.07	103	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.30	105	6.00	1.09	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/02/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	92.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/03/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 32 (H225159-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.82	91.1	2.00	0.221	
Toluene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	0.371	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.07	103	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.30	105	6.00	1.09	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	11/02/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	95.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/03/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 33 (H225159-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.82	91.1	2.00	0.221	
Toluene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	0.371	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.07	103	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.30	105	6.00	1.09	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	11/02/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/03/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 34 (H225159-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.82	91.1	2.00	0.221	
Toluene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	0.371	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.07	103	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.30	105	6.00	1.09	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/02/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

					ANALVSIS DECILÉST	
Company Name: NTGE			BILL IO		ANALI DIO NEGOLOI	
Project Manager: Becky Haskell	Haskell		P.O. #))	_
Address: 701 Tradwinds Blvd.	inds Blvd. Suite C		company: EOG			_
	state: TX	zip: 79708 5	Attn: Chase Settle			_
Phone #: 432-766-1918	Fax #:		Address:			
Project #: 226201		EOG	City:			
Project Name: Jackson B #17 Flowline Area #2	B #17 Flowline Are	ea #2	State: Zip:			
Project Location: Eddy (Eddy Co NM		Phone #:			
Sampler Name:			Fax #: .		-	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMP	-	-	
2	Sample I.D.	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL DIL	SLUDGE DTHER : ACID/BASE: CE / COOL DTHER : DTHER :	BTEX 8021	TPH 8015N Chloride 45	
1 Comput	RH-11- (25)	- # 0 × 0		10:15 X	× ×	
2	1 27	C I X	11/2/22	10:25 X	XX	
	0-31	CIX	11/2/22	10:30 X		
4	1	C I X	11 2 2	X 04:013	XX	
5	SW - 33	CIX	11/22	× 00:50		1
6	1	CI X	11/2/22	2 10:55 X		
PLEASE NOTE: Lability and Damages. Cardinal's lability and analyses. All claims including those for negligaroo and any offer service. In no event shall Cardinal be lable for incidental or con	sequental dama	ny claim anteing whether based in contri deemed waived unless made in writing without limitation, business interruption	remedy for any claim straing whether based in contract or bot, anali be imitted to the amount pald by the client for the ever shall be deemed walved unless made in writing and neoeked by Cardinal within 30 days after completion of the ges, including without ilmitation, business intemptions, loss of use, or loss of profits nouring by client, its subsidiaries	d by the client for the r completion of the applicable slient, its subsidiaries,		
Relinquished By:	Timpe:	Received By:	1 Milladdy	Verbal Result: Yes All Results are emailed.	2	
Relinquished By:	Date: Time:	Received By:)	REMARKS: Email: B Amber G	Email: Becky Haskell, Chase Settle and Amber Griffin, Condon Banにら	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. *C Corrected Temp. *C	Sample Col	Nes CHECKED BY:	Turnaround Time: Thermometer ID #113	Standard Bacteria (only) Sample Condition Rush Day Cool Intact Observed Temp. °C Stor 24 MP Not Not Corrected Temp. °C	
FURM-005 K 3.2 10/07/	t Cardinal c	annot accept verbal cl	Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com	nges to celey.kee		

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Page 9 of 9



November 08, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON B #17 FLOWLINE AREA #2

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 11:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 35 (H225190-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.79	89.5	2.00	2.59	
Toluene*	<0.050	0.050	11/03/2022	ND	2.03	102	2.00	1.52	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.58	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	11/04/2022	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	Qualifie
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.4	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	182	91.2	200	0.702	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					
Surrogate: 1-Chlorooctane	76.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.2	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 36 (H225190-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.79	89.5	2.00	2.59	
Toluene*	<0.050	0.050	11/03/2022	ND	2.03	102	2.00	1.52	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.58	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.20	103	6.00	1.44	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	11/04/2022	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	11/04/2022	ND	183	91.4	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	182	91.2	200	0.702	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 37 (H225190-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2022	ND	2.07	103	2.00	1.74	
Toluene*	<0.050	0.050	11/08/2022	ND	2.12	106	2.00	3.07	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	2.08	104	2.00	0.522	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	6.41	107	6.00	3.53	
Total BTEX	<0.300	0.300	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/04/2022	ND	432	108	400	3.64	
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	11/08/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 38 (H225190-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2022	ND	2.07	103	2.00	1.74	
Toluene*	<0.050	0.050	11/08/2022	ND	2.12	106	2.00	3.07	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	2.08	104	2.00	0.522	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	6.41	107	6.00	3.53	
Total BTEX	<0.300	0.300	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/04/2022	ND	432	108	400	3.64	
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	11/08/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 39 (H225190-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2022	ND	2.07	103	2.00	1.74	
Toluene*	<0.050	0.050	11/08/2022	ND	2.12	106	2.00	3.07	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	2.08	104	2.00	0.522	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	6.41	107	6.00	3.53	
Total BTEX	<0.300	0.300	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2022	ND	432	108	400	3.64	
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	11/08/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 40 (H225190-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2022	ND	2.07	103	2.00	1.74	
Toluene*	<0.050	0.050	11/08/2022	ND	2.12	106	2.00	3.07	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	2.08	104	2.00	0.522	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	6.41	107	6.00	3.53	
Total BTEX	<0.300	0.300	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2022	ND	432	108	400	3.64	
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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 41 (H225190-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2022	ND	2.07	103	2.00	1.74	
Toluene*	<0.050	0.050	11/08/2022	ND	2.12	106	2.00	3.07	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	2.08	104	2.00	0.522	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	6.41	107	6.00	3.53	
Total BTEX	<0.300	0.300	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2022	ND	432	108	400	3.64	
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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Oti	Relinquished By:	Nick Hard	Relinquished By:	PLEASE NOTE: Liability and Damages. Cardinal's is analyses. All cleims including those for negligence a service. In no event shall Cardinal be liable for incide		7	6	S	4	()	0	1	Lab I.D. 1/225790	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: Ja	Project #: 226201	Phone #: 432-766-1918	city: Midland	Address: 701	Project Manager:	Company Namie:	4	
her	T		ed By: D	ages. Cardinal's lability and client's a for negligence and any other cause the liable for incidental or consequent		Sw-4	SW-HO	Sw - 39	SW-38	Sw-37	SW-36	SW-35	Sample I.D.			Project Location: Eddy Co, NM	Project Name: Jackson B #17 Flowline Area #2			60	701 Tradwinds Blvd. Suite C	Project Manager: Becky Haskell	NTGE	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	aboratories
Observed Temp. *C Corrected Temp. *C	Date: Time:	-V	Date:	sociusive nemedy for any claim s whatsoever shall be deemed tal damages, including without			0										wline Are	Project Owner:	Fax #:	State: TX	Suite C			os, NM 8824 575) 393-247	ories
2200	Received By:		Received By:	clam ansing whether emed waived unless n vithout limitation, busin		C 1	C I	C -	C 1	C -	C I	6	(G)RAB OR (C) # CONTAINER: GROUNDWATE	R			a #2	EOG		zip: 797035				6 6	01
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		Lilla	is based upon any of	contract or tort, small be immed to the riting and received by Cardinal within 3 uptions, loss of use, or loss of profils in									OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV	Fax #:	Phone #:	State:	City:	Address:	Attn: Chase Settle	Company:	P.O. #:	8		
(Initiats)		Sol and	the above stated rea	In ceriminad to one annount pact by the current to on by Cardinal within 30 days after completion of the or loss of profits incurred by client, its subaldiaries		113221	N 3 22	113 22	11 3 22	11 3 22	11322	11 3 22	DATE	V. SAMPLING	1	1	Zip:			ise Settl	EOG		BILL TO		L.
Turnaround Time:	REMARKS:	All Results are emailed.	Verbal Result:	unt pao by the client for the a lys after completion of the a red by client, its subsidiaries.		11:20	11:15	11:10	11:00	10150	10:40	10:30	TIME							e					
3	Email: Amber	hush	it: Ves	pplicable	-	XX	XX	XX	X	XX	XX	XX	BTEX 8 TPH 80		-	RO	/ [DR	0/	M	RC))			
Standard Same Day		r	44			×	×	X	×	X	K	×	Chloride	450	0			_	_	_					
-99	Griffin , Gordon	Sample #1	Add'I Phone #:		Þ													_			_		ANALYSIS		
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Page 10 of 10



November 11, 2022

BECKY HASKELL NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: JACKSON B #17 FLOWLINE AREA #2

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 28 (10') (H225226-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/08/2022	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	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 29 (10') (H225226-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/08/2022	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	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	78.7	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 30 (4') (H225226-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/08/2022	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	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	116	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	17.1	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 31 (4') (H225226-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/08/2022	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	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	19.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 42 (H225226-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	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	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 43 (H225226-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH/								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3				
Toluene*	<0.050	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62				
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95				
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.13	102	6.00	7.00				
Total BTEX	<0.300	0.300	11/11/2022	ND								
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0									
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM								
Analyte	Result Reporting Limit 16.0 16.0		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride			11/08/2022	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	11/08/2022	ND	203	101	200	0.918				
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	214	107	200	1.45				
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND								
Surrogate: 1-Chlorooctane	108	% 45.3-16	1									
Surrogate: 1-Chlorooctadecane	% 46.3-17	8										

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 44 (H225226-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Benzene*	<0.050	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3		
Toluene*	<0.050	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.13	102	6.00	7.00		
Total BTEX	<0.300	0.300	11/11/2022	ND						
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM						
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/08/2022	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	11/08/2022	ND	203	101	200	0.918		
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	214	107	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND						
Surrogate: 1-Chlorooctane	86.3	% 45.3-16	1							
Surrogate: 1-Chlorooctadecane	% 46.3-17	8								

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	11/04/2022	Sampling Date:	11/04/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	JACKSON B #17 FLOWLINE AREA #2	Sampling Condition:	** (See Notes)
Project Number:	226201	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: SW - 45 (H225226-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	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	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	74.1	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	48.2	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Hobbs, NM 88240 FAX (575) 393-2476 BILL TO State: TX Zip: 7970 Address: Project Owner: EOG Address: Company: EOG Fax #: Project Owner: EOG State: Zip: Project Owner: EOG Giv: Phone #: Project Owner: EOG State: Zip: Phone #: Phone #: Phone #: Phone #: M Giv: Fax #: Fax #: Fax #: M Giv: Giv: Giv: Fax #: M Giv: Giv: Giv: Giv: Giv: Mil: Giv:	BILL TO BILL TO State: TX Zip: Po.#: Fax #: Project Owner: EOG city: Fax #: Company: EOG Fax #: Project Owner: EOG city: Fox #: Project Owner: Col Preservi Fox #: Prome #: Prome #: Prome #: Marcin Chick Prome #: Prome #: Prome #: Marcin Chick Col II XX Project Order: Project Order: Marcin Chick Col II XX Project Order: Project Order: Marcin Chick Col II XX Project Order: Project Order: Marcin Chick Col II XX Project Order: Project Order: Marcin Chick Col II	Sampler - UPS - Bus - Oti	Relinquished By:	PLEASE NOTE: Lublity and Damages. Cardina's lublity and analyses. All claims including those for angiguence and any oth service. In no event shall current level labels for bodienal or con affinates or successors activity out of or related to the performan Rellinguished By:	\$ 00	2	6	S	4	w	دو	-	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location: Eddy Co, NM	Project Name: Jacks	Project #: 226201	Phone #: 432-766-1918	city: Midland	Address: 701 Tra	Project Manager: Becky Haskell	Company Name: NT	101 E (57t
BILL TO 970 P.O. #: Company: EOG Address: City: State: Zip: Phone #: Fax #: Fax #: Fax #: SoliL OIL State: Zip: Fax #:	BILL TO P.O. #: P.O. #: Company: EOG Address: City: State: Zip: Phone #: Phone #: Fax #: City: SoliL OIL State: Zip: Phone #: Fax #: Fax #: City: SoliL OIL SoliL OIL State: Zip: Phone #: Presserv SoliL OIL DATE Time III III III III III III III III	Corrected Temp.	0110	client's exclusive er cause whatsou sequental dama ce of sentices he Date:	E.	21	N-4	21	H-31 (H-30 (-29 []	H-28 1	Sample I.D.			dy Co, NM	son B #17 Flowline	Project Ow			701 Tradwinds Blvd. Suite	cky Haskell	GE	5) 393-2326 FAX (575) 393
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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	160479
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition

The Closure Report is approved. Several of the Chain of Custody and Analysis Request forms were not received at proper temperature of 4 deg. Celsius or 2/22/2023 rhamlet below. If this occurs in the future, the report will be immediately denied.

Action 160479

Condition Date