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Oil Conservation Division

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Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- \boxtimes Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

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Received by OC Form C-141	CD: 12/30/2022 11:28:05 AM State of New Mexico			Page 3 of 153
	Oil Conservation Division		Incident ID	nAB1622530649
Page 4	On Conservation Division		District RP	2RP-3803
			Facility ID	
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regulations all public health o failed to adequ addition, OCD and/or regulati Printed Name Signature:	y that the information given above is true and complete to the operators are required to report and/or file certain release not or the environment. The acceptance of a C-141 report by the O iately investigate and remediate contamination that pose a thro o acceptance of a C-141 report does not relieve the operator of ions. e: <u>Amber Griffin</u> <u>Amber Griffin</u> <u>ber_griffen@eogresources.com</u>	ifications and perform co OCD does not relieve the eat to groundwater, surfa	prrective actions for rele e operator of liability sho ce water, human health liance with any other fe Environmental Sr 22	eases which may endanger ould their operations have or the environment. In
OCD Only Received by:	Jocelyn Harimon	Date: 12	2/30/2022	

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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: <u>Rep Safety & Environmental</u> Sr Printed Name: Amber Griffin Signature: Amber Griffin Date: 12/30/2022 email: amber griffin@eogresources.com Telephone: 575-748-1471 **OCD Only** Date: 12/30/2022 Jocelyn Harimon Received by: 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>Ashley Marwell</u> Date: <u>2/02/2023</u> Printed Name: Ashley Maxwell Title: Environmental Specialist

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



December 30, 2022

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

Re: Site Characterization and Closure Report Jackson B #5 2RP-3803 EOG Resources Inc. Incident ID: nAB1622530649, P-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 conducted in the affected area at the EOG Jackson B #5 2RP-3803 Release (Site). The Site is located in Unit Letter P, Section 01, of Township 17 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.859354° N latitude and -103.921646° W longitude. The release occurred on land managed by the Bureau of Land Management (BLM). Figure 1 and 2 depict the Site Location. The EOG flowline area and other site details are depicted on Figure's 3 and 4.

2. Background

This location belonged to Burnett Oil Co., Inc. (Burnett) at the time of the release. Burnett submitted a C-141, Release Notification and Corrective Action, form dated August 12, 2016, to the NMOCD. The C-141 states the release was due to a ruptured weld on the polyline.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number nAB1622530649. The Release Notification and Corrective Action, Site Assessment/Characterization, and Closure portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

NTGE 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).

On May 18, 2021, Talon LPE (Talon) installed a temporary well, Jackson B #59 Temporary 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 water level meter was utilized to determine the presence or absence of groundwater. The depth to groundwater soil boring is located approximately 0.35 miles westsouthwest of the Site. No groundwater was detected, and the temporary well was plugged and abandoned. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundary 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 (Points of Diversion, Depth to Groundwater Location Map, Talon Boring Log, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided in Attachment A. The soil closure criteria are listed below:

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 & 19.15.29.13)

Regulatory Standard	Chloride	TPH (GRO+DRO+MR	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		2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: = not defined					

4. Initial Soil Delineation Assessment Summary and Findings

On September 12, 2016, Burnett Oil Co., Inc. installed two (2) sample points, SP-1 and SP-2, within the suspected release area. Soil samples were collected at depths ranging from Surface to nine-and-a-half (9.5) feet below ground surface. All soil samples were analyzed for chloride by EPA method 300.0 by Permian Basin Environmental Lab, LP. in Midland, Texas. None of the



sample points exhibited concentrations exceeding Table I Closure Criteria for groundwater greater than one hundred feet. However, both SP-1 and SP-2 sample points exhibited chloride concentrations exceeding 19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet) Closure Criteria.

On November 22, 2016, Burnett Oil Co., Inc. revisited the site and installed one (SP-1) sample point within the suspected impacted area. Soil samples were collected at depths ranging from surface to five (5) feet below ground surface. All soil samples were analyzed for chloride by EPA method 300.0 by Permian Basin Environmental Lab, LP. in Midland, Texas. None of the sample points exhibited concentrations exceeding Table I Closure Criteria for groundwater greater than one hundred feet. However, SP-1 sample point exhibited concentrations exceeding 19.15.29.13 Table I Closure Criteria.

On December 2, 2016, Burnett Oil Co., Inc. revisited the site again and installed one soil boring (SB-1) sample point within the suspected impacted area. Soil samples were collected at depths ranging from ten (10) to twenty (20) feet below ground surface. All soil samples were analyzed for chloride by EPA method 300.0 by Hall Environmental Analysis Laboratory in Albuquerque, New Mexico. None of the sample points exhibited concentrations exceeding Table I Closure Criteria for groundwater greater than one hundred feet. Most of the samples collected by Burnett were not analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and total petroleum hydrocarbons (TPH).

On September 23, 2022, NTGE and Standard Safety and Supply, on behalf of EOG, installed seven (7) test pits to obtain deeper samples and assess the vertical extent of the release area. The test pit locations were excavated to depths ranging from surface to approximately four (4) feet below ground surface. Soil samples were collected from varying depths of the test pits and field screened for chloride and hydrocarbons. All soil samples were analyzed for BTEX by EPA method 8021B, TPH by method 8015 modified, and chloride by EPA method 300.0 by Cardinal in Hobbs, New Mexico. None of the sample points exhibited concentrations exceeding Table I Closure Criteria for groundwater greater than one hundred feet. However, five (5) of the seven (7) test pits exhibited TPH concentrations exceeding 19.15.29.13 Table I Closure Criteria, TP-1, TP-2, TP-3, TP-4, and TP-6. Figure 3, Assessment Sample Location Map, depicts the locations of the delineation samples. Analytical results are provided on Table 2, Summary of Soil Analytical Data – Delineation Samples, and in the Laboratory Analytical Reports provided in attachment D.

5. Excavation, Waste Management and Confirmation Sampling

Due to the initial soil sampling activities exhibiting TPH concentrations above 19.25.29.13 Table I Closure Criteria, NTGE and Standard Safety and Supply (SS) mobilized to the site on December 7, 2022, to excavate the affected soils. Soils within the first four (4) feet containing TPH exceedances of Table I Closure Criteria for 19.15.29.13 were excavated. On December 12, 2022, six (6) composite confirmation bottom hole samples (S-1 through S-6), and six (6) composite confirmation sidewall samples (SW-1 through SW-6) 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 SM4500CL-B. Analytical results indicated two (2) bottom hole samples (S-3, and S-4) and two (2) sidewall samples (SW-2, and SW-4) exhibited TPH concentrations above Table I Closure Criteria required by 19.15.29.13.



The areas represented by S-3, S-4, SW-2, and SW-4 were further excavated due to the exceedances discussed above. On December 20, 2022, two (2) bottom hole composite confirmation samples (S-3A, and S-4A) and two (2) sidewall composite confirmation samples (SW-2A, and SW-4A) were collected and submitted to Cardinal Laboratories in Hobbs, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015M, and chloride by EPA Method SM4500CL-B. Analytical results indicated one (1) confirmation sample (SW-2A) exhibited TPH exceedances above 19.15.29.13 Table I Closure Criteria.

NTGE and SS returned to the Site on December 27, 2022, to continue excavation activities. The area represented by SW-2A, collected on December 21, 2022, was further excavated to the north and another composite confirmation sample (SW-2B) was collected on December 27, 2022. Additionally, new composite bottom hole confirmation samples were collected at four (4) feet below ground surface from this area, S-7 through S-9. Analytical results of the final composite confirmation samples indicated no exceedances above Table I Closure Criteria.

Figure 4, Confirmation Sample Map, depicts the locations of the confirmation samples. Analytical results are provided on Table 1, Summary of Soil Analytical Data – Confirmation Samples, and in the Laboratory Analytical Reports provided in attachment D. A photographic log is included in 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 177.33 tons of impacted soil were disposed at Lea Land, LLC, the waste manifest from December 20, 2022 and December 29, 2022, are available upon request and aren't included in this report due to the size of the file. Confirmation Sampling Notifications are provided as Attachment C.

6. nAB1622530649 Closure Request

The excavation will be backfilled with a 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 nAB1622530649.

If you have any questions or comments concerning this Site Characterization and 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 Assessment Sample Location Map
 Figure 4 Confirmation Sampling Map
 Table 1 Summary of Soil Analytical Data Confirmation Samples
 Table 2 Summary of Soil Analytical Data Delineation Samples
 Attachment A Site Characterization Documentation
 Attachment B Photographic Log
 Attachment C Confirmation Sampling Notifications
 Attachment D Laboratory Analytical Reports and Chain-of-Custody Documentation
- cc: Chase Settle







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Table 1 Summary of Soil Analytical Data - Confirmation Samples Jackson B #5 2RP-3803 EOG Resources Eddy County, New Mexico

										ТРН			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6 C-10)	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)
					Ta	ble I Closure	Criteria for S	oil >100 feet l	Depth to Grou	ndwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
						Confirmat	ion Samples						
S-1	12/12/2022	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
S-2	12/12/2022	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
5-3	12/12/2022	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	273	273	179	452	32.0
S-3A	12/21/2022	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
5-4	12/12/2022	2'	<0.050	<0.050	<0.050	<0:150	<0.300	<10.0	45.8	45.8	68:0	113.8	48.0
S-4A	12/21/2022	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	94.2	94.2	81.2	175.4	96.0
S-5	12/12/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
S-6	12/12/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
S-7	12/27/2022	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
S-8	12/27/2022	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
S-9	12/27/2022	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-1	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
<u>S₩-2</u>	12/12/2022		<0.050	<0.050	<0.050	<0:150	<0.300	<10.0	59.7	59.7	42:0	101.7	16.0
S₩-2A	12/21/2022		<0.050	<0.050	<0:050	<0.150	<0.300	<10.0	95.2	95.2	81.0	176.2	32.0
SW-2B	12/27/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.5	33.5	22.4	55.9	64.0
SW-3	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
S₩-4	12/12/2022		<0:050	<0.050	<0.050	<0.150	<0.300	<10.0	90.2	90.2	72.2	162.4	48.0
SW-4A	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW-5	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.3	35.3	17.2	52.5	64.0
SW-6	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

Notes:

1. Values reported in mg/kg

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

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

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 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade). 9. --- Not Analyzed

Released to Imaging: 2/2/2023 9:49:53 AM

Table 2 Summary of Soil Analytical Data - Delineation Samples Jackson B #5 2RP-3803 **EOG Resources** Eddy County, New Mexico

								ТРН					
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6 C-10)	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)
		(10 553)	(8/8/	(8/8/						dwater 19.15.29		(8/8/	(8/8/
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
			10 mg/ kg				0, 0			1,000 mg/ kg		2,500 mg/ kg	20,000 mg/ Kg
CD 1	9/12/2016	0.1	1		Bur	nett Oil Initi							C01
SP-1	9/12/2016	0-1 1-1.5											691 412
											-		921
	9/12/2016	2-2.5											
	9/12/2016 9/12/2016	3-3.5 4-4.5											2,490 5,460
	9/12/2016	5-5.5											10,900
	9/12/2016	6-6.5											9,100
	9/12/2016	7-7.5											3,220
		8-8.5											
	9/12/2016												4,580
	9/12/2016	9-9.5											4,710
	11/22/2016	0-1											471
	11/22/2016	1-2											875
	11/22/2016	2-3											744
	11/22/2016	3-4											1,950
	11/22/2016	4-5											2,190
SP-2	9/12/2016	0-1											31
	9/12/2016	1-1.5											7
	9/12/2016	2-2.5											83
	9/12/2016	3-3.5											616
	9/12/2016	4-4.5											689
	9/12/2016	5-5.5											500
	9/12/2016	6-6.5											655
	9/12/2016	7-7.5											693
	9/12/2016	8-8.5											1,430
	9/12/2016	9-9.5											1,440
SB-1	12/2/2016	10'											180
SB-1	12/2/2016	15'											120
SB-1 SB-1	12/2/2016	20'											74
50 1	12/2/2010	20				NTGE Initial S			11				74
TP-1	9/23/2022	Surface	<0.50	<0.50	< 0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-1	9/23/2022	1	<0.50	<0.50	< 0.50	<0.150	< 0.300	<10.0	77.4	77.4	34.7	112.1	<16.0
TP-1	9/23/2022	2	< 0.50	<0.50	< 0.50	<0.150	< 0.300	<10.0	54.1	54.1	29.9	84.0	64.0
TP-1	9/23/2022	3	< 0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	19.4	19.4	<10.0	19.4	128
TP-1	9/23/2022	4	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	26.3	26.3	<10.0	26.3	112
тр с	9/23/2022	Curfoon	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
TP-2 TP-2	9/23/2022	Surface 1	<0.50	< 0.50	<0.50	<0.150	<0.300	<10.0	<10.0 117	<10.0 117	<10.0 74.3	<10.0 191.3	32.0
TP-2 TP-2		2	<0.50	< 0.50	<0.50	<0.150	<0.300		243	243	74.3 129	372	
	9/23/2022							<10.0					16.0
TP-2	9/23/2022	3	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	90.2	90.2	60.9	151.1	80.0
TP-2	9/23/2022	4	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	<10	<10	<10	<10.0	32.0
TP-3	9/23/2022	Surface	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	265	265	206	471	32.0

EOG Jackson B #5

.

Received by OCD: 12/30/2022 11:28:05 AM

Table 2 Summary of Soil Analytical Data - Delineation Samples Jackson B #5 2RP-3803 **EOG Resources** Eddy County, New Mexico

										ТРН			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6 C-10)	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)
					Table	I Closure Cr	iteria 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
TP-3	9/23/2022	1	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	45	45	21.5	66.5	32.0
TP-3	9/23/2022	2	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
TP-3	9/23/2022	3	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
TP-3	9/23/2022	4	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	50.3	50.3	20.7	71.0	32.0
TP-4	9/23/2022	Surface	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	<10	<10	<10	<10.0	80.0
TP-4	9/23/2022	1	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	100	100	68.5	168.5	48.0
TP-4	9/23/2022	2	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	110	110	54.8	164.8	64.0
TP-4	9/23/2022	3	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	11	11	<10.0	11	96.0
TP-4	9/23/2022	4	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	28.5	28.5	12.2	40.7	80.0
TP-5	9/23/2022	Surface	<0.50	<0.50	< 0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
TP-5	9/23/2022	1	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-5	9/23/2022	2	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-5	9/23/2022	3	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-5	9/23/2022	4	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-6	9/23/2022	Surface	< 0.50	<0.50	< 0.50	<0.150	< 0.300	<10.0	17.8	17.8	<10.0	17.8	16.0
TP-6	9/23/2022	1	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	166	166	131	297	32.0
TP-6	9/23/2022	2	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	141	141	195	336	80.0
TP-6	9/23/2022	3	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	57.9	57.9	28.6	86.5	384
TP-6	9/23/2022	4	<0.50	<0.50	<0.50	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-7	9/23/2022	Surface	<0.50	<0.50	< 0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-7	9/23/2022	1	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
TP-7	9/23/2022	2	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
TP-7	9/23/2022	3	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-7	9/23/2022	4	<0.50	<0.50	<0.50	<0.150	< 0.300	<10.0	40.0	40.0	<10.0	40.0	336

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

Notes:

1. Values reported in mg/kg

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

3. Bold indicates Analyte Detected

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

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). 9. --- Not Analyzed

5. TPH analyses by EPA Method SW 8015 Mod.

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

Received by OCD: 12/30/2022 11:28:05 AM

Table 3 Daily Disposal Summary Jackson B #5 2RP-3803 EOG Resources Eddy, County, New Mexico

Date of Disposal	Total Pounds Disposed	Total Tons Disposed
12/20/2022	227,800	113.90
12/29/2022	126,860	63.43
Project Total	354,660	177.33

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION



OSE POD Locations Map



12/28/2022, 10:31:15 AM

GIS WATERS PODs

OSE District Boundary SiteBoundaries

New Mexico State Trust Lands

0 Active

0

Pending Both Estates



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

Received by OCD: 12/30/2022 11:28:05 AM Jackson B #5 2RP-3803 Depth to Water Boring Location Map



Jackson B #5 2RP-3803

Jackson B #59 DTW Boring

220

5

Released to Imaging: 2/2/2023 9:49:53 AM

3000 ft



Site Name: Jackson B #59

Location: Eddy County, New Mexico

Date: 5/18/2021

Boring Number: B-1

BORING LOG

Weather: Clear, Temp.: 75°F Logger: D. Adkins Field Instrument: NA Latitude: 32.85697 N

Longitude: -103.92703 W

Driller: D. Londagin **Rig Type: Reich Drill** Bit Size: 5-7/8" Drilling Method: Air Rotary

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	NSCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
		0-30'				Red/brown fine Sand (SP)	None Slight Mod. Strong	
C		30-40'				Red/brown fine Sand (SP) with varying amounts of silt and caliche	<u>None</u> Slight Mod, Strong	
		40-80'				Dry, dark red/brown sandy Silts (SM)	<u>None</u> Slight Mod. Strong	
		80-125'				Red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
						TD 125'	None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
1							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
	ce Eleva : Groun	tion:	ot Encoun	tered (D 125' BG	S – 72 hr. Logger Initials: _		

Page ____ of _





U.S. Fish and Wildlife Service

National Wetlands Inventory

Jackson B #5 2RP-3803



December 28, 2022

Wetlands

- Estuarine and Marine Deepwater
 - Estuarine and Marine Wetland

- **Freshwater Pond**

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine

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

Released to Imaging: 2/2/2023 9:49:53 AM

Received by OCD: 12/30/2022 11:28:05 AM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

Page 27 of 153



Release a Imaging: 2/2/2023 9.99.53 AM 1,500 2.000

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

ATTACHMENT B: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

EOG - Jackson B #5 2RP-3803

Photograph No. 1

Facility:	Jackson B #5 2RP-3803
County:	Eddy County, New Mexico

Description: Northwest view of excavation area



Photograph No. 2

Facility:	Jackson B #5 2RP-3803
-----------	-----------------------

County: Eddy County, New Mexico

Description: View of excavation area



Photograph No. 3

Facility:	Jackson B #5 2RP-3803

County: Eddy County, New Mexico

Description: Southwest facing view of excavation





ATTACHMENT C: CONFIRMATION SAMPLING NOTIFICATIONS



Becky Haskell

From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Tuesday, December 13, 2022 12:27 PM
То:	Becky Haskell
Subject:	FW: [EXTERNAL] Jackson B 5 (nAB1622530649) 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, December 8, 2022 10:49 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Jackson B 5 (nAB1622530649) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Sent: Thursday, December 8, 2022 8:33 AM
To: Tina Huerta <<u>Tina Huerta@eogresources.com</u>>
Cc: Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>; Billings, Bradford, EMNRD
<<u>Bradford.Billings@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Jackson B 5 (nAB1622530649) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn Harimon • Environmental Specialist Environmental Bureau EMNRD - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov http:// www.emnrd.nm.gov



From: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>>
Sent: Thursday, December 8, 2022 8:09 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@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: [EXTERNAL] Jackson B 5 (nAB1622530649) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Jackson B 5 O-1-17S-30E Eddy County, NM nAB1622530649

Sampling will begin at 10:00 a.m. on Monday, December 12, 2022 and will continue through Tuesday, December 13, 2022.

Thank you,

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



Becky Haskell

From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Friday, December 16, 2022 10:50 AM
То:	Becky Haskell
Subject:	FW: [EXTERNAL] Jackson B 5 (nAB1622530649) 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, December 15, 2022 10:17 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Jackson B 5 (nAB1622530649) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Sent: Thursday, December 15, 2022 8:20 AM
To: Tina Huerta <<u>Tina Huerta@eogresources.com</u>>
Cc: Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>; Billings, Bradford, EMNRD
<<u>Bradford.Billings@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Jackson B 5 (nAB1622530649) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn Harimon • Environmental Specialist Environmental Bureau EMNRD - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov http:// www.emnrd.nm.gov



From: Tina Huerta <<u>Tina_Huerta@eogresources.com</u>>
Sent: Thursday, December 15, 2022 7:40 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@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: [EXTERNAL] Jackson B 5 (nAB1622530649) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Jackson B 5 O-1-17S-30E Eddy County, NM nAB1622530649

Sampling will begin at 10:00 a.m. on Monday, December 19, 2022 and will continue through Tuesday, December 20, 2022.

Thank you,

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



Becky Haskell

From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Thursday, December 22, 2022 8:43 AM
То:	Becky Haskell
Subject:	FW: Jackson B 5 (nAB1622530649) 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, December 22, 2022 5:20 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: Jackson B 5 (nAB1622530649) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Jackson B 5 O-1-17S-30E Eddy County, NM nAB1622530649

Sampling will begin at 9:00 a.m. on Tuesday, December 27, 2022 and will continue through Wednesday, December 28, 2022.

Thank you,

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



Artesia Division

•
ATTACHMENT D: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION



PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Johnny Titsworth Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland, TX 79705

Project: Jackson B-5 TB Project Number: [none] Location: Eddy Co NM

Lab Order Number: 6113017



NELAP/TCEQ # T104704156-16-6

Report Date: 09/19/16

Burnett Oil Company, Inc.	Project: Jackson B-5 TB	Fax:
24 Smith Road Suite 100	Project Number: [none]	
Midland TX, 79705	Project Manager: Johnny Titsworth	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	I abovate	a fairin	Data Camata-1	Data Dataina -
	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 (0-1)	6113017-01	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (1-1.5)	6113017-02	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (2-2.5)	6113017-03	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (3-3.5)	6113017-04	Soil	09/12/16 00;00	09-13-2016 11:15
SP-1 (4-4.5)	6113017-05	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (5-5.5)	6113017-06	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (6-6.5	6113017-07	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (7-7.5)	6113017-08	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (8-8.5)	6113017-09	Soil	09/12/16 00:00	09-13-2016 11:15
SP-1 (9-9.5)	6113017-10	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (0-1)	6113017-11	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (1-1.5)	6113017-12	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (2-2.5)	6113017-13	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (3-3.5)	6113017-14	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (4-4.5)	6113017-15	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (5-5.5)	6113017-16	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (6-6.6)	6113017-17	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (7-7.5)	6113017-18	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (8-8.5)	6113017-19	Soil	09/12/16 00:00	09-13-2016 11:15
SP-2 (9-9.5)	6113017-20	Soil	09/12/16 00:00	09-13-2016 11:15

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Burnett Oil Company, Inc. 24 Smith Road Suite 100		Proje Project Numb		on B-5 TB				Fax:	
Midland TX, 79705		Project Manag							
		SP	-1 (0-1)						
		61130	17-01 (Se	oil)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.										
General Chemistry Parameters by EPA /	Standard Methods									
Chloride	691	1.06	mg/kg dry	1	P611512	09/15/16	09/16/16	EPA 300.0		
% Moisture	6.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation		

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Burnett Oil Company, Inc.		Fax:							
24 Smith Road Suite 100	I	roject Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SP	-1 (1-1.5)						
		6113	017-02 (Soi	l)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Cnvironme	ntal Lab, I					
<u>General Chemistry Parameters by E</u>	PA / Standard Methods								,
Chloride	412	1.08	mg/kg dry	1	P611512	09/15/16	09/16/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation	

Permian Basin Environmental Lab, L.P.

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Project Num	cct: Jacksor ber: [none] ger: Johnny					Fax:	
			-1 (2-2.5) 017-03 (Sol						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin I	Invironme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	921	5.38	mg/kg dry	5	P611512	09/15/16	09/16/16	EPA 300,0	
% Moisture	7.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation	

Permian Basin Environmental Lab, L.P.

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Burnett Oil Company, Inc.		Proj	ect: Jackson	n B-5 TB				Fax:	
24 Smith Road Suite 100	P	roject Num	ber: [none]						
Midland TX, 79705	Pr	oject Mana	ger; Johnny	Titsworth					
		SP	-1 (3-3.5)						
		6113	017-04 (Soi	l)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	nn Basin I	Environme	atal Lab, I	L.P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	2490	27.5	mg/kg dry	25	P611512	09/15/16	09/16/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6I1602	09/16/16	09/16/16	% calculation	

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Burnett Oil Company, Inc.		Proj	ect: Jackson	n B-5 TB				Fax:	
24 Smith Road Suite 100	Pro	ject Num	ber: [none]						
Midland TX, 79705	Proj	ect Mana	ger: Johnny	Titsworth					
		SP	-1 (4-4.5)						
		6113	017-05 (Soi	l)					
		Reporting		54.4	D (
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian	Basin I	Environme	ntal Lab, I	L.P.				
General Chemistry Parameters by El	PA / Standard Methods								
Chloride	5460	28.4	mg/kg dry	25	P611512	09/15/16	09/16/16	EPA 300.0	
% Moisture	12.0	0.1	%	ĩ	P611602	09/16/16	09/16/16	% calculation	

Permian Basin Environmental Lab, L.P.

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		roject Num	ect: Jackson ber: [none] ger: Johnny					Fax:	
			-1 (5-5.5) 017-06 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin E	Invironme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	10900	56,8	mg/kg dry	50	P611512	09/15/16	09/16/16	EPA 300.0	
% Moisture	12.0	0.1	%	L	P611602	09/16/16	09/16/16	% calculation	

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% Moisture

% calculation

Burnett Oil Company, Inc.		Proj	ect: Jackson	n B-5 TB				Fax:	
24 Smith Road Suite 100	F	roject Numl	per: [none]						
Midland TX, 79705	Pr	roject Manaį	ger: Johnny	Titsworth					
		SP	-1 (6-6.5						
		61130)17-07 (Soi	l)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin E	invironme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	9100	53.2	mg/kg dry	50	P611512	09/15/16	09/16/16	EPA 300.0	

%

0.1

1

P611602

09/16/16

09/16/16

6.0

Permian Basin Environmental Lab, L.P.

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Burnett Oil Company, Inc.		Proj	ect; Jacksoi	1 B-5 TB				Fax:	
24 Smith Road Suite 100	Pi	roject Num	ber: [none]						
Midland TX, 79705	Pr	oject Mana	ger: Johnny	Titsworth					
		SP	-1 (7-7.5)						
		6113	017-08 (Soi	i)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	nn Basin F	Invironme	ntal Lab, I	L.P.				
<u>General Chemistry Parameters by E</u>	PA / Standard Methods				· · · · · · · · · · · · · · · · · · ·				
Chloride	3220	25,8	mg/kg dry	25	P611512	09/15/16	09/16/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation	

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% Moisture

Burnett Oil Company, Inc.		Proj	eet: Jacksoi	n B-5 TB				Fax:	
24 Smith Road Suite 100	F	roject Numl	per: [none]						
Midland TX, 79705	P	roject Manag	ger: Johnny	Titsworth					
		SP	-1 (8-8.5)						
		61130)17-09 (Soi	1)					
	- <i>i</i>	Reporting		~ 11					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin E	nvironme	ital Lab, I					
General Chemistry Parameters by I	<u>CPA / Standard Methods</u>								
Chloride	4580	26.3	mg/kg dry	25	P611513	09/15/16	09/16/16	EPA 300.0	

%

0.1

5.0

P611602

09/16/16

09/16/16

% calculation

1

Permian Basin Environmental Lab, L.P.

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705	Pr Prc	Fax:							
	·		-1 (9-9.5) 017-10 (So	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permin	n Basin E	Environme	ntal Lab, I	L .P.				
General Chemistry Parameters	by EPA / Standard Methods								
Chloride % Moisture	4710 9.0	27.5 0.1	mg/kg dry %	25 1	P611513 P611602	09/15/16 09/16/16	09/16/16 09/16/16	EPA 300.0 % calculation	

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705	Project: Jackson B-5 TB Fax: Project Number: [none] Project Manager: Johnny Titsworth									
			P -2 (0-1) 017-11 (Soi	1)						
Anafyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permiai	ı Basin E	nvironme	ıtal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	31.3	1,05	mg/kg dry	1	P611513	09/15/16	09/16/16	EPA 300,0		
% Moisture	5,0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation		

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705	Project: Jackson B-5 TB Fax: Project Number: [none] Project Manager: Johnny Titsworth									
.			-2 (1-1.5))17-12 (Sol	1)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permia	n Basin E	Invironme	ntal Lab, I	L.P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride % Moisture	6,62 9.0	1.10 0.1	mg/kg dry %	1	P611513 P611602	09/15/16 09/16/16	09/16/16 09/16/16	EPA 300.0 % calculation		

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Project: Jackson B-5 TB F Project Number: [none] Project Manager: Johnny Titsworth									
Particular 2010			-2 (2-2.5) 017-13 (Sol	l)							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Permia	n Basin B	Invironme	ntal Lab, I	L.P.						
General Chemistry Parameters by E	PA / Standard Methods										
Chloride	83.4	1.10	mg/kg dry	1	P611513	09/15/16	09/16/16	EPA 300.0			
% Moisture	9.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation			

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Burnett Oil Company, Inc.		Proj	ect: Jacksoi	1 B-5 TB				Fax:	
24 Smith Road Suite 100	I	roject Numl	ber: [none]						
Midland TX, 79705	Р	roject Manaj	ger: Johnny	Titsworth					
		SP	-2 (3-3,5)						
		61130)17-14 (So	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin E	Invironme	ntal Lab, I	L, P ,				
General Chemistry Parameters by I	EPA / Standard Methods								
Chloride	616	5,56	mg/kg dry	5	P611513	09/15/16	09/16/16	EPA 300.0	
% Moisture	10.0	0.1	%	t	P611602	09/16/16	09/16/16	% calculation	

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Burnett Oil Company, Inc.		Proj	ect: Jacksor	1 B-5 TB				Fax:	
24 Smith Road Suite 100	Pr	oject Num	ber: [none]						
Midland TX, 79705	Pro	oject Mana	ger: Johnny	Titsworth					
		SP	P-2 (4-4.5)						
		6113	017-15 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permia	n Basin I	Environme	ntal Lab, I	L.P.				
General Chemistry Parameters by I	PA / Standard Methods								
Chloride	689	5.56	mg/kg dry	5	P611513	09/15/16	09/16/16	EPA 300,0	
% Moisture	10.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation	

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· · · · · · ·	Dours	ian Basin Ei		wtoliobi	'n							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note			
			2 (5-5.5) 17-16 (Sa									
Midland TX, 79705												
Burnett Oil Company, Inc. 24 Smith Road Suite 100		Proje Project Numb	et: Jackso er: fnone]					Fax:				

Chloride	500	1.05	mg/kg dry	1	P611513	09/15/16	09/16/16	EPA 300.0	
% Moisture	5.0	0.1	%	L	P611602	09/16/16	09/16/16	% calculation	

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Burnett Oil Company, Inc.	tt Oil Company, Inc. Project: Jackson B-5 TB									
24 Smith Road Suite 100	Pi	oject Num	ber: [none]							
Midland TX, 79705	Pro	oject Mana	ger: Johnny	Titsworth						
		SP	-2 (6-6.6)							
		6113	017-17 (Soi	l)						
- -		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permia	ın Basin E	Invironme	ntal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	655	5,38	mg/kg dry	5	P611513	09/15/16	09/16/16	EPA 300,0		
% Moisture	7.0	0.1	%	l	P611602	09/16/16	09/16/16	% calculation		

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		roject Num	iect: Jackson ber: [none] ger: Johnny					Fax:	
		SF	2-2 (7-7.5) 017-18 (Sol						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Anałyzed	Method	Notes
	Permi	an Basin I	Environme	ntal Lab, I	L.P.				
<u>General Chemistry Parameters by E</u>	PA / Standard Methods								
Chloride	693	5.38	mg/kg dry	5	P611513	09/15/16	09/16/16	EPA 300,0	
% Moisture	7.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation	

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Burnett Oil Company, Inc.		Ргој	ect: Jackson	1 B-5 TB				Fax:	
24 Smith Road Suite 100	Р	roject Num	ber: [none]						
Midland TX, 79705	Pr	oject Mana	ger: Johnny	Titsworth					
		SP	-2 (8-8.5)						
		6113)17-19 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	nn Basin E	Cnvironme	ntal Lab, I	P.				
<u>General Chemistry Parameters by E</u>	PA / Standard Methods								
Chloride	1430	11,2	mg/kg dry	10	P611513	09/15/16	09/16/16	EPA 300,0	
% Moisture	11.0	0.1	%	1	P611602	09/16/16	09/16/16	% calculation	

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Burnett Oil Company, Inc.		Proj	ect: Jackson	n B-5 TB				Fax:	
24 Smith Road Suite 100	P	roject Num	ber: [none]						
Midland TX, 79705	Pr	oject Mana	ger: Johnny	Titsworth					
		SP	-2 (9-9.5)						
······································		6113	017-20 (Soi	l)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	nn Basin F	Environme	ntal Lab, I					
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	1440	11.2	mg/kg dry	10	P611513	09/15/16	09/16/16	EPA 300,0	
% Moisture	11.0	0,1	%	1	P611602	09/16/16	09/16/16	% calculation	

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Project N	Project: Jael umber: [noi inager: Joh	Fax:						
General	Chemistry Parar		•			-	lity Cont	trol		
	Permi	an Basin	Enviror	umental l	Lab, L.P	•				
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6I1512 - *** DEFAULT PREF	***									
Blank (P611512-BLK1)				Prepared; (9/15/16 A	nalyzed: 09	/16/16			
Chloride	ND	1.00	mg/kg wet	•			·····			
LCS (P611512-BS1)				Prepared; (09/15/16 A	alyzed: 09	/16/16			
Chloride	407	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P611512-BSD1)				Prepared: (09/15/16 Ai	alyzed; 09	/16/16			
Chloride	408	1.00	mg/kg wet	400		102	80-120	0.272	20	
Duplicate (P611512-DUP1)	Sourc	c: 6113011-	35	Prepared: (9/15/16 A	ualyzed: 09	/16/16			
Chloride	1970	10.4	mg/kg dry		1940	-		1.39	20	
Duplicate (P611512-DUP2)	Sourc	c: 6113011-	45	Prepared: (9/15/16 A	ualyzed: 09	/16/16			
Chloride	319	1.08	mg/kg dry		329	-		3.11	20	
Matrix Spike (P611512-MS1)	Sourc	c: 6113011-	35	Prepared; (09/15/16 A	alyzed: 09	/16/16			
Chloride	2920	10,4	mg/kg dry	1040	1940	94.2	80-120			
Batch P6I1513 - *** DEFAULT PREF	***									
Blank (P611513-BLK1)				Prenared: (9/15/16 A	nlyzed: 09	/16/16			
Chloride	ND	1.00	mg/kg wet							
LCS (P611513-BS1)				Prenared (19/15/16 A	ualvzed: 09	/16/16			
Chloride	427	1.00	mg/kg wet	400		107	80-120			
LCS Dup (P611513-BSD1)				Prenared: (19/15/16 A	nalvzed: 09	/16/16			
Chloride	430	1.00	mg/kg wet	400		108	80-120	0,791	20	

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Burnett Oil Company, Inc.		Pi	roject: Jac	kson B-5 TB		Fax:				
24 Smith Road Suite 100		Project Nu	mber: [no	ne]						
Midland TX, 79705		Project Ma	nager: Joh	nny Titswort	th					
General	Chemistry Para	-					lity Cont	trol		
	Perm	ian Basin	Enviro	imental I	Lab, L.P	•				
Anaiyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P611513 - *** DEFAULT PREF	***									
Duplicate (P611513-DUP1)	Sou	rce: 6113017-	10	Prepared: C)9/15/16 A	nalyzed: 09	/16/16			
Chloride	4660	27.5	mg/kg dry		4710			1.09	20	
Duplicate (P611513-DUP2)	Sou	rce: 6113017-:	20	Prepared: 0	09/15/16 A					
Chloride	1490	11.2	mg/kg dry		1440			3.76	20	
Matrix Spike (P611513-MS1)	Sou	ree: 6113017-	10	Prepared: 0)9/15/16 A	nalyzed: 09	/16/16			
Chloride	6680	27.5	mg/kg dry	2200	4710	89.7	80-12 0			
Batch P611602 - *** DEFAULT PREF	***									
Blank (P6I1602-BLK1)				Prepared &	Analyzed:	09/16/16				
% Moisture	ND	0,1	%							
Blank (P6I1602-BLK2)				Prepared &	Analyzed:	09/16/16				
% Moisture	ND	0.1	%							
Duplicate (P611602-DUP1)	Sou	ree: 6113017-	12	Prepared &	Analyzed:	09/16/16				
% Moisture	12.0	0.1	%		9.0			28,6	20	
Duplicate (P6I1602-DUP2)	Sou	rce: 6I13021-	05	Prepared &	Analyzed:	09/16/16				
% Moisture	20.0	0.1	%	-	22.0			9.52	20	
Duplicate (P6I1602-DUP3)	Sou	rce: 6114002-	05	Prepared &	Analyzed:	09/16/16				
% Moisture	2,0	0.1	%		3.0			40.0	20	
Duplicate (P6I1602-DUP4)	Sou	rce: 6114004-	10	Prepared &	Analyzed:	09/16/16				
% Moisture	16.0	0.1	%	A	14.0			13.3	20	····

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 24 of 28

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Fa	x:							
Genera	l Chemistry Para Permi	•		Standard nmental I		-	iity Cont	rol		
	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6I1602 - *** DEFAULT PRI Duplicate (P6I1602-DUP5) % Moisture		e: 6114005-2 0,1	0 %	Prepared &	2 Analyzed: 17.0	09/16/16	L	5.71	20	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report nust be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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1			
	Burnett Oil Company, Inc.	Project: Jackson B-5 TB	Fax:
	24 Smith Road Suite 100	Project Number: [none]	
	Midland TX, 79705	Project Manager: Johnny Titsworth	

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bren Barron _____ Date: _____ 9/19/2016

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Johnny Titsworth Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland, TX 79705

Project: Jackson B-5 TB Project Number: [none] Location: Loco Hills NM

Lab Order Number: 6K23009



NELAP/TCEQ # T104704156-16-6

Report Date: 12/06/16

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SP1-3'-4'

SP1-4'-5'

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11-23-2016 12:17

11-23-2016 12:17

Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705	Project: Jackson B-5 Project Number: [none] Project Manager: Johnny Titsw			Fax:
	ANALYTICAL REPORT FOR SAM	PLES		
Sample 1D	Laboratory ID	Matrix	Date Sampled	Date Received
SP1-0'-1'	6K23009-01	Soil	11/22/16 00:00	11-23-2016 12:17
SP1-1'-2'	6K23009-02	Soil	11/22/16 00:00	11-23-2016 12:17
SP1-2'-3'	6K23009-03	Soil	11/22/16 00:00	11-23-2016 12:17

6K23009-04

6K23009-05

Soil

Soil

11/22/16 00:00

11/22/16 00:00

Page 2 of 11

Burnett Oil Company, Inc.	Project: Ja	ackson B-5 TB	Fax:
24 Smith Road Suite 100	Project Number: [1	none]	
Midland TX, 79705	Project Manager: Je	ohnny Titsworth	

SP1-0'-1'

6K23009-01 (Soil)

Апајује	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes			
Permian Basin Environmental Lab, L.P.												
General Chemistry Parameter	rs by EPA / Standard Methods											
Chloride	471	1.04	mg/kg dry	1	P6K2908	11/29/16	11/30/16	EPA 300,0				
% Moisture	4.0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation				

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		oject Num	ect: Jackson ber: [none] ger: Johnny					Fax:	
			P1-1'-2' 009-02 (So	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permia	n Basin B	Cnvironme	ntal Lab, l	L.P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	875	1.09	mg/kg dry	1	P6K2908	11/29/16	11/30/16	EPA 300.0	
% Moisture	8.0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Burnett Oil Company, Inc.	Project: Jackson B-5 TB						Fax:		
24 Smith Road Suite 100	1	Project Number: [none]							
Midland TX, 79705	P	Project Manager: Johnny Titsworth							
		S	P1-2'-3'						
		6K23	009-03 (So	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilation	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environme	ntal Lab, 1	L.P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	744	1.03	mg/kg dry	1	P6K2908	11/29/16	11/30/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be repraduced in its entirety, with written approval of Permian Basin Environmental Lab.

Burnett Oll Company, Inc. 24 Sinith Road Suite 100 Midland TX, 79705		Project Num	ect: Jackson ber: [none] ger: Johnny					Fax:	
			P1-3'-4' 009-04 (So	il)					
Province									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin I	Environme	ntal Lab, 1	L .P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	1950	10.9	mg/kg dry	10	P6K2909	11/29/16	11/30/16	EPA 300.0	
% Moisture	8.0	0,1	%	1	P6K2901	11/29/16	11/29/16	% calculation	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Burnett Oil Company, Inc.	Project: Jackson B-5 TB						Fax:		
24 Smith Road Suite 100	Pr	Project Number: [none]							
Midland TX, 79705		Project Manager: Johnny Titsworth							
		S	P1-4'-5'						
		6K23	009-05 (So	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permia	in Basin F	Invironme	ntal Lab, I	L.P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	2190	11.4	mg/kg dry	10	P6K2909	11/29/16	11/30/16	EPA 300.0	
% Moisture	12,0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.
Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Project Nu	kson B-5 TB ne] nny Titswor					Fa	K;	
General	Chemistry Para	meters by	· EPA / S	Standard	Method	ls - Qua	lity Cont	trol		
	Perm	ian Basin	Enviror	nmental I	Lab, L.P	•				
Апајује	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6K2901 - *** DEFAULT PRE	EP ***	<u></u>								
Blank (P6K2901-BLK1)				Prepared &	2 Analyzed:	11/29/16				
% Moisture	ND	0.1	%							
Blank (P6K2901-BLK2)				Prepared &	Analyzed:	11/29/16				
% Moisture	ND	0.1	%							
Duplicate (P6K2901-DUP1)	Sou	rce: 6K23005	-04	Prepared &	Analyzed:	11/29/16				
% Moisture	19.0	0.1	%		19,0			0.00	20	
Duplicate (P6K2901-DUP2)	Sou	ree: 6K23005	-31	Prepared &	Analyzed:	1/29/16				
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P6K2901-DUP3)	Sou	rce: 6K23010	-07	Prepared &	z Analyzed:	11/29/16				
% Moisture	8.0	0.1	%	······	8.0			0.00	20	
Batch P6K2908 - *** DEFAULT PRI	5P ***									
Blank (P6K2908-BLK1)				Prepared: 1	11/29/16 A	nalyzed; 11	/30/16			
Chloride	ND	1.00	mg/kg wet	•		-				
LCS (P6K2908-BS1)				Prepared:	11/29/16 A	nalyzed: 11	/30/16			
Chloride	376	1.00	mg/kg wet	400		94.1	80-120			
LCS Dup (P6K2908-BSD1)				Prepared:	11/29/16 A	nalvzed: 14	/30/16			
Chloride	386	1.00	mg/kg wet	400		96.6	80-120	2.62	20	<u></u>
Duplicate (P6K2908-DUP1)	Som	rce: 6K23005	-30	Prepared:	11/29/16 A	nalvzed•11	/30/16			
Chloride	2180		mg/kg dry	riepaieu,	2200			0.532	20	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the loboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 8 of 11

Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Project Nu	mber: (nor	son B-5 TB 1e] nny Titswort					Fал	
General	Chemistry Paran Permia	•		standard mental I		-	lity Cont	rol		
		Reporting		Spike	Source	NDEO	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6K2908 - *** DEFAULT PRE		· ··· · · · · · · · · · · · · · · · ·								
Duplicate (P6K2908-DUP2)		e: 6K23007		Prepared; I		nalyzed: 11.	/30/16			
Chloride	397	1.16	mg/kg dry		410			3.18	20	
Aatrix Spike (P6K2908-MS1)	Sourc	e: 6IC23005	-30	Prepared: 1	1/29/16 Ar	nalyzed; 11.	/30/16			
Chloride	4800	11.0	mg/kg dry	2200	2200	118	80-120			
Batch P6K2909 - *** DEFAULT PRE Blank (P6K2909-BLK1) Ihloride	ND	1.00	mg/kg wet	Prepared: 1	1/29/16 Aı	alyzed: 11.	/30/16	·,		
CS (P6K2909-BS1)				Prenared: 1	1/29/16 AT	valvzed, 1t	/30/16			
.CS (P6K2909-BS1)	377	1.00	mg/kg wet	Prepared: 1 400	1/29/16 Ar	nalyzed: 11. 94.3	/30/16 80-120			
Chloride	377	1.00	mg/kg wet			94.3	80-120			
······	377 387		mg/kg wet	400		94.3	80-120	2.66	20	
CS Dup (P6K2909-BSD1)	387		mg/kg wet	400 Prepared: 1	1/29/16 Ar	94.3 nalyzed: 11. 96.8	80-120 /30/16 80-120	2.66	20	
Chloride .CS Dup (P6K2909-BSD1) Chloride	387	1.00 e: 6K23009	mg/kg wet	400 Prepared: 1 400	1/29/16 Ar	94.3 nalyzed: 11. 96.8	80-120 /30/16 80-120	2.66	20	
Chloride .CS Dup (P6K2909-BSD1) Chloride Duplicate (P6K2909-DUP1)	387 <u>Sourc</u> 1960	1.00 e: 6K23009	mg/kg wet -04 mg/kg dry	400 Prepared: 1 400	1/29/16 An 1/29/16 An 1950	94.3 nalyzed: 11. 96.8 nalyzed: 11.	80-120 /30/16 80-120 /30/16			
Chloride LCS Dup (P6K2909-BSD1) Chloride Duplicate (P6K2909-DUP1) Chloride	387 <u>Sourc</u> 1960	1.00 e: 6K23009 10.9 e: 6K23011	mg/kg wet -04 mg/kg dry	400 Prepared: 1 400 Prepared: 1	1/29/16 An 1/29/16 An 1950	94.3 nalyzed: 11. 96.8 nalyzed: 11.	80-120 /30/16 80-120 /30/16			
hloride .CS Dup (P6K2909-BSD1) Chloride Duplicate (P6K2909-DUP1) Chloride Duplicate (P6K2909-DUP2)	387 <u>Soure</u> 1960 <u>Soure</u> 91.6	1.00 e: 6K23009 10.9 e: 6K23011	ing/kg wet -04 mg/kg dry -09 mg/kg dry	400 Prepared: 1 400 Prepared: 1	1/29/16 An 1/29/16 An 1950 1/29/16 An 92.0	94.3 nalyzed: 11. 96.8 nalyzed: 11. nalyzed: 11.	80-120 /30/16 80-120 /30/16 /30/16	0.473	20	

Permian Basin Environmental Lab, L.P.

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Burnett Oil Company, Inc.	Project: Jackson B-5 TB	Fax:
24 Smith Road Suite 100	Project Number: [none]	
Midland TX, 79705	Project Manager: Johnny Titsworth	

Notes and Definitions

BULK Samples received in Bulk soil containers

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate

) Burnon Report Approved By:

Date: 12/6/2016

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

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	hed by:		heorby:			Special Instructions:	<u></u>									() (x - 14)	AFIELD CODE	R#UUV	N V John	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	IBEN
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Received by OCD: 12/30/2022 11:28:05 AM



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

December 09, 2016

Johnny Titsworth Burnett Oil Co Inc PO Box 188 Loco Hills, NM 88255 TEL: (432) 425-2891 FAX

OrderNo.: 1612124

RE: Jackson B5

Dear Johnny Titsworth: Hall Environmental Analysis Laboratory received 3 sample(s) on 12/3/2016 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 <u>www.hallenvironmental.com</u> 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 qualifers 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 #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environ	mental Analysi	s Laborato	ory, Inc.		Analytical Report Lab Order: 1612124 Date Reported: 12/9/2016
CDIBITI	Burnett Oil Co Inc Jackson B5			La	1612124
Lab ID: Client Sample ID: Analyses	1612124-001 SB 1 @ 10	Result	C PQL Qual	Matrix:	12/2/2016 9:12:00 AM SOIL DF Date Analyzed Batch ID
EPA METHOD 30 Chloride	0.0; ANIONS	180	30	mg/Kg	Analyst: LGT 20 12/8/2016 1:28:12 PM 29091
Lab ID: Client Sample ID Analyses	1612124-002 : SB 1 @ 15	Result	PQL Qual	Matrix	: 12/2/2016 9:33:00 AM : SOIL DF Date Analyzed Batch ID
EPA METHOD 30 Chloride	00.0: ANIONS	120	30	mg/Kg	Analyst: LGT 20 12/8/2016 1:40:37 PM 29091
Lab ID: Client Sample ID Analyses	1612124-003 B 1 @ 20	Result	PQL Qual	Matrix	:: 12/2/2016 9:44:00 AM :: SOIL DF Date Analyzed Batch ID
EPA METHOD 3 Chioride	00.0: ANIONS	74	30	mg/Kg	Analyst: LGT 20 12/8/2016 1:53:02 PM 29091

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

Qualifiers:	 Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix 	 B Analyte detected in the associated Method Blank E Value above quantitation range J Analyte detected below quantitation limits Page 1 of 2 P Sample pH Not In Range RL Reporting Detection Limit W Sample container temperature is out of limit as specified
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Page 79 of 153

WO#:

1612124

09-Dec-16

Client: Project:	Burnel Jackso	tt Oil Co Inc on B5									
Sample ID	MB-29091	SampTy	ype: ME	BLK	Tes	lCode; El	PA Method	300.0: Anion	S		
Client ID:	PBS	Batch	ID: 29	091	F	lunNo: 3	9278				
Prep Date:	12/8/2018	Analysis Da	ate: 12	2/8/2016	S	SeqNo: 1:	229181	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-29091	SampTy	ype: LC	s	Tes	lCode: El	PA Method	300.0: Anion	5		
Cllent ID:	LCSS	Batch	ID: 29	091	F	tunNo: 3	9278				
Prep Date:	12/8/2016	Analysis Da	ate: 1;	2/8/2018	S	BeqNo: 1	229182	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	95.9	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 2 of 2

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ENVIRONMENTAL ANALYSIS	Hall Environmental Analysis Laborator, 4901 Hawkins Ni Albuquerque, NM 8710, TEL: 505-345-3975 FAX: 505-345-410, Website: www.hallenvironmental.com	samj	ole Log-In Check List
Client Name: BURNETT OIL CO INC W	ork Order Number: 1612124		RcptNo: 1
Received by/date:	12/03/14	 A	
Logged By: Ashley Gallegos 12/3	/2016 8:30:00 AM	24-J	
Completed By: Ashley Gallegos 12/5	/2016 11:05:59 AM	AFZ	
Reviewed By:	10511	•	
Chain of Custody			
1. Custody seals intact on sample bottles?	Yes 🗋	No 🛄	Not Present 🗹
2, Is Chain of Custody complete?	Yes 🔽	No	Not Present [.]
3. How was the sample delivered?	Courler		
<u>Log In</u>			
	v 11	No 🕅	NA [1]
4. Was an attempt made to cool the samples?	Yes .]		NA + I
5. Were all samples received at a temperature of $>$	<u>Not regult</u> 0° C to 6.0°C Yes [_] <u>Not regulr</u>	No 🗹	NA [.]
6. Sample(s) in proper container(s)?	Yes 😡	No []	
7. Sufficient sample volume for indicated test(s)?	Yes 🕅	No []	
8. Are samples (except VOA and ONG) property pre		No []]	
9. Was preservative added to bottles?	Yes []	No 🕅	na []]
10.vOA vials have zero headspace?	Yes L	No [_]	No VOA Viais 🖌
11. Were any sample containers received broken?	Yes L	No 🗹	# of preserved bottles checked
12.Does paperwork match bollle labels? (Note discrepancies on chain of custody)	Yes 🗹	No 🗀	for pH: (<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Cusi	ody? Yes 🗹	No 🞵	Adjusted?
14. Is it clear what analyses were requested?	Yes 🗹	No []]	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🕅	No [.]	Checked by:

Special Handling (if applicable)

16.'	Was client notified of all d	liscrepancies with this order?		Yes 🗍	No 🗍	na M
	Person Notified:		Date			
	By Whom:		Via:	🗍 eMail [] Phone [] Fax	[] In Person
	Regarding:					
	Client Instructions:	i na na na da sa na	****		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
47						

ing which is the second distribution of the second second second second second second second second second second

17. Additional remarks:

18.	Cooler Inform	nation					
	Cooler No	Temp *C	Condilion	Seal Intect	Seel No	Seal Date	Signed By
	1	11.3	Good	Yes			

Page 1 of 1

TAL	(N to Y) selddug ilA		
 HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 	(AOV) 80958 (AOV-ime2) 0758		
IALL ENVIRON INALYSIS LABC www.hallenvironmental.com ins NE - Albuquerque, NM 8 (5-3975 Fax 505-345-41	Anions (F, C) NO ₂ , NO ₂ , PO ₄ , SO ₄)		
L ENV LYSIS hallenviron Fa Fax	(201 61 62 70 61 62 70 201 201 201 201 201 201 201 201 201 20		
HALL ANAL ANAL www.ha 4901 Hawkins NE - Tel. 505-345-3975	(1.814 bodi) Hq1 (1.408 bodi) Bd3		
4901 Ha	TEX + МТВЕ + ТРН (Gas only) TPH 8015B (GRO / DRO / МRO)	Kemarks:	
	8TEX + MTBE + TMB's (8021)		ڳڻ ک
	THSW DITH I TSW DITH I TSW DITH	- 601 - 601 - 002 - 003 Date Time Date Time Date Time	17/112/16 0531
um-Around Time: Standard Rush roject Name: OUKSON B5 roject #:			
Turn-Around Time:	Project Manager:) 0hnnu Sampler: 21, 40, 9 Ontree: 21, 46, 9 Ontree: 21, 46, 9 Sample Temperature Type and # Typ	Received	1
Chain-of-Custody Record <i>Bund W Charles</i> <i>bolicity B S</i> g Address:	 Level 4 (Full Validation) Sample Request ID 	58/00 3 28/0 3 28/0 3 28/0 3 201	1 A/ N
of-Cust	Matrix D		
Client Burned	Phone #: email or Fax#: QA/QC Package: D Standard Accreditation D NELAP D EDD (Type) Date Date Time	91:11.20 91:44 1.46 1.46 1.46	12/2/11/1900
Mailing C	Phone #: email or Fax#: QAVQC Package D Standard Accreditation D NELAP D EDD (Type) Date Time	12-2-16 9:10,1 12-2-16 9:14 12-2-16 9:14 0-2-16 9:14 Date: Time:	2 Jahr

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September 26, 2022

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

RE: JACKSON B #5

Enclosed are the results of analyses for samples received by the laboratory on 09/23/22 15:18.

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. SU MIDLAND TX, 79706 Fax To:	IITE C	
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez

Sample ID: TP - 1 (SURFACE) (H224438-01)

EOG - EDDY CO NM

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	09/23/2022	ND	2.07	103	2.00	0.646	
Toluene*	<0.050	0.050	09/23/2022	ND	2.01	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.94	96.9	2.00	0.466	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	5.92	98.6	6.00	0.750	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 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	32.0	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 1 (1') (H224438-02)

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	09/23/2022	ND	2.07	103	2.00	0.646	
Toluene*	<0.050	0.050	09/23/2022	ND	2.01	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.94	96.9	2.00	0.466	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	5.92	98.6	6.00	0.750	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 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	<16.0	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	77.4	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	34.7	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 1 (2') (H224438-03)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	64.0	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	54.1	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	29.9	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 1 (3') (H224438-04)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	128	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	19.4	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	0						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 1 (4') (H224438-05)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	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	112	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	26.3	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	105	45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 2 (SURFACE) (H224438-06)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	16.0	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	'8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 2 (1') (H224438-07)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	32.0	16.0	09/26/2022	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	09/26/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	117	10.0	09/26/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	74.3	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	106 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 2 (2') (H224438-08)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	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	16.0	16.0	09/26/2022	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	09/26/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	243	10.0	09/26/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	129	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 2 (3') (H224438-09)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	80.0	16.0	09/26/2022	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	09/26/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	90.2	10.0	09/26/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	60.9	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 2 (4') (H224438-10)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	32.0	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 3 (SURFACE) (H224438-11)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	32.0	16.0	09/26/2022	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	09/26/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	265	10.0	09/26/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	206	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 %	6 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 3 (1') (H224438-12)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	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	32.0	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	45.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	21.5	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	100	45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 3 (2') (H224438-13)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	208	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 3 (3') (H224438-14)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	528	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 3 (4') (H224438-15)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	32.0	16.0	09/26/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	50.3	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	20.7	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	171	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	169	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 4 (SURFACE) (H224438-16)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	80.0	16.0	09/26/2022	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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.1	% 46.3-17	8						

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		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 4 (1') (H224438-17)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	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	48.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/26/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	100	10.0	09/26/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	68.5	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 4 (2') (H224438-18)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	64.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/26/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	110	10.0	09/26/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	54.8	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 4 (3') (H224438-19)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	96.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	11.0	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	117	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 4 (4') (H224438-20)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	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	80.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	198	98.8	200	1.80	
DRO >C10-C28*	28.5	10.0	09/23/2022	ND	217	108	200	2.31	
EXT DRO >C28-C36	12.2	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	104	% 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:	UITE C	
		Fax TO:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 5 (SURFACE) (H224438-21)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	16.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	109 9	46.3-17	0						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 5 (1') (H224438-22)

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	09/23/2022	ND	2.09	105	2.00	0.588	
Toluene*	<0.050	0.050	09/23/2022	ND	2.06	103	2.00	0.393	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.00	100	2.00	0.621	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.27	105	6.00	1.12	
Total BTEX	<0.300	0.300	09/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.4	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 5 (2') (H224438-23)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 5 (3') (H224438-24)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.8	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C					
		MIDLAND TX, 79706						
		Fax To:						
Received:	09/23/2022		Sampling Date:	09/23/2022				
Reported:	09/26/2022		Sampling Type:	Soil				
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact				
Project Number:	226201		Sample Received By:	Shalyn Rodriguez				
Project Location:	EOG - EDDY CO NM							

Sample ID: TP - 5 (4') (H224438-25)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	80.8 % 45.3-16		51						
Surrogate: 1-Chlorooctadecane	91.2	% 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	SUITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 6 (SURFACE) (H224438-26)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 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	16.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	17.8	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	82.9 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	92.8	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 6 (1') (H224438-27)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/26/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	166	10.0	09/26/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	131	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	92.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 6 (2') (H224438-28)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 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	80.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/26/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	141	10.0	09/26/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	195	10.0	09/26/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 6 (3') (H224438-29)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 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	384	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	57.9	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	28.6	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. S	UITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 6 (4') (H224438-30)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 7 (SURFACE) (H224438-31)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	102 9	% 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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 7 (1') (H224438-32)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 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	48.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	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	UITE C	
		Fax To:		
Received:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 7 (2') (H224438-33)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 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	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.7	% 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:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 7 (3') (H224438-34)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 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	32.0	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.6	% 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:	09/23/2022		Sampling Date:	09/23/2022
Reported:	09/26/2022		Sampling Type:	Soil
Project Name:	JACKSON B #5		Sampling Condition:	Cool & Intact
Project Number:	226201		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO NM			

Sample ID: TP - 7 (4') (H224438-35)

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	09/24/2022	ND	2.13	107	2.00	10.8	
Toluene*	<0.050	0.050	09/24/2022	ND	2.07	103	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.01	100	2.00	11.5	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.19	103	6.00	11.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	alyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/26/2022	ND	432	108	400	3.77	
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	09/23/2022	ND	186	93.2	200	10.4	
DRO >C10-C28*	40.0	10.0	09/23/2022	ND	193	96.6	200	0.335	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.0	% 46.3-17	0						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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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

ENVIRONMENTAL	MENTAL		-		_				Page 1 of	Page 1
Project Manager: Becky Haskell	laskell		Bill to: (Bill to: (if different)	C	Chase Settle	ttle		Work Order Comments	ments
	NTG Environmental		Compa	Company Name:	m	EOG			Program: UST/PST PRP Brownfields RRC	ds RRC
	701 Tradewinds BLVD		Address:	S					State of Project:	
e ZIP:	Midland, TX 79706		City, St	City, State ZIP:	L				Reporting:Level II Level III PST/UST	T D'RRP
	6-1918		Email: Becky	Becky Haskell, Cha	Chase Settle,		and Amber Griffin	Griffin	Deliverables: EDD ADaPT	Other:
Project Name:	Jackson B #5		Turn Around					ANALYSIS REQUEST	JEST	Preservative Codes
Project Number:	226201		Routine 🗸 Rush		Pres. Code	-			Non	None: NO
Project Location	Eddy Co. NM	Due Date:		24hr.					Coo	Cool: Cool
Sampler's Name:	Ethan Sessums	TAT	TAT starts the day received by the lab. if received by 4:30pm	:30pm		MRO			HCL	HCL: HC
)	0		ters					
Received Intact:	Yes No	Thermometer ID:	IT ID: 115	1	ram	8021	ie 45		LD Nat	NaHSO4: NABIS
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.	.402	Pa		-			Na2S2O3: NaSO3
Sample Custody Seals:	Yes No N/A	Temperature Reading:	6	t.c.	_	-			Zn/	Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:	soil Water	Grab/	# of	TPH 80			Nac	Sample Comments
TD 4 (Culfana)		+	<	Comp V	1 COIL	+	+		-	
TD 4 (41)	220716716		< >	Ciavi	-	+	+			
TP-1 (1)	9/23/2022		××	Grab/		× >	× >			
TP-1 (3')	9/23/2022		×	Grab/	-	-	×		F	
TP-1 (4")	9/23/2022		×	Grab/	-	××	×		5	
65 TP-2(Surface)	9/23/2022		×	Grab/	1	x x	×		6	
TP-2 (1')	9/23/2022		×	Grab/	-	x x	×			
TP-2 (2')	9/23/2022		×	Grab/	-	x x	×			
TP-2 (3')	9/23/2022		×	Grab/	1	××	×		9	
TP-2 (4')	9/23/2022		×	Grab/	-	×	x x			0
Additoinal Comments:	mments:									
Notice: Signature of this document of service. Xenco will be liable only of Xenco. A minimum charge of \$8	gnature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates . Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the I A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed.	mples constitutes a va nd shall not assume a h project and a charge	lid purchase order) ny responsibility fo of \$5 for each sam	from client comp r any losses or e ple submitted to	any to Xer expenses i Xenco, bu	nco, its af ncurred b ut not ana	filiates and y the client lyzed. Thes	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	terms and conditions es beyond the control vusly negotiated.	
Relinquished by: (Signature)	ature)	Received by: (Signature)	(Signature)		D	Date/Time	Ð	Relinquished by: (Signature)	re) Received by: (Signature)	Date/Time
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ature) Date/Time	are) Received by: (Signature)	Relinquished by: (Signature)	ne	Date/Time)	Received by: (Signature)	Received		y: (Signature)	Relinquished by: (Signature)
	It assigns standard terms and conditions e due to circumstances beyond the control nforced unless previously negotiated.		affiliates and by the client alyzed. Thes	Xenco, its a sincurred but not an	ompany to ; or expense d to Xenco,	order from client c lity for any losses n sample submitte	s a valid purchase ume any responsib harge of \$5 for eac	les constitute shall not ass roject and a c	uishment of samp st of samples and applied to each p	s document and relinque liable only for the co	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses a fixed of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be
										Additoinal Comments:	Addit
ao			x x	×	1	Grab/	×		9/23/2022	(4')	TP-4 (4')
9			x x	×	1	Grab/	×		9/23/2022	(3')	TP-4 (3')
18			× ×	×	1	Grab/	×		9/23/2022	(2')	TP-4 (2')
1			x x	×	1	Grab/	×		9/23/2022	(1')	TP-4 (1')
10			x x	×	1	Grab/	×		9/23/2022	urface)	TP-4 (Surface)
স			x x	×	1	Grab/	×		9/23/2022	(4")	TP-3 (4')
14			x x	×	1	Grab/	×		9/23/2022	(3')	TP-3 (3')
L L			x x	×	1	Grab/	×		9/23/2022	(2')	TP-3 (2')
لم			× ×	×	1	Grab/	×		9/23/2022	(1')	TP-3 (1')
11			x x	×	1	Grab/	×		9/23/2022	TP-3 (Surface)	TP-3 (S
Sample Comments			тр		# of Cont	Water Comp	Soil	Time	Date	ntification	Sample Identification
NaOH+Ascorbic Acid: SAPC			H 80		ľ	5.82	Corrected Temperature:	Corrected	35	_	Total Containers:
Zn Acetate+NaOH: Zn			-	В		Q.4°	+	Temperatu	N/A	Yes	Sample Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃				TEX	P	-0.6°		Correction Factor:	NO NIA	Yes	Cooler Custody Seals:
NaHSO4: NABIS	DLD		RO + de 4	802	arar	13	ter ID:	Thermometer ID:	No	(Yes	Received Intact:
H ₃ PO ₄ ; HP				1B	nete	Yes No	Wet Ice:	Yes No.	Temp Blank:		SAMPLE RECEIPT
H ₂ S0 ₄ : H ₂ NaOH: Na			0 + N		rs	d by 4:30pm	lab, if received by 4:30pm				PO #
HCL: HC HNO3: HN			ARO	_		received by the	TAT starts the day received by the		Ethan Sessums	Etha	Sampler's Name:
Cool: Cool MeOH: Me)			24hr.	Due Date:		Eddy Co. NM	Ede	Project Location
None: NO DI Water: H ₂ O					Code	Rush	Routine		226201		Project Number:
Preservative Codes	UEST	ANALYSIS REQUEST				round	Turn Around		Jackson B #5	Jac	Project Name:
ADaPT U Other:	Deliverables: EDD	Griffin	and Amber Griffin		Chase Settle,	Becky Haskell,	Email: B			432-766-1918	Phone:
-	Reporting:Level II Level III LP					City, State ZIP:	0		706	Midland, TX 79706	City, State ZIP:
נ				T		Address:	A		s BLVD	701 Tradewinds BLVD	Address:
Brownfields RRC Duperfund	ST PRP			EOG		Company Name:	0		ental	NTG Environmental	Company Name:
Work Order Comments	Work Orde		Settle	Chase Settle		Bill to: (if different)	B			Becky Haskell	Project Manager:
Page 2 of 4				1							
									FI	ENVIRONMENTAL	
Work Order No: 10044001-	Work Order N										4
1. Schinnin											
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Project Manager: Beck Company Name: NTG Address: 701 T	Becky Haskell NTG Environmental 701 Tradewinds BLVD			Bill to: (if different) Company Name Address:	e:	Chase Settle EOG	Settle	Prog	Work Order Comments Program: UST/PST PRP Brownfields RRC State of Project:	nments Ids RRC Uperfund
City, State ZIP: Midl	Midland, TX 79706			City, State ZIP:				Repo	Reporting:Level II Level III PST/UST	ST DRRP Level IV
Phone: 432	432-766-1918		Email:	Becky Haskell	I, Chase Settle,		and Amber Griffin		Deliverables: EDD ADaPT	Other:
Project Name:	Jackson B #5		Turn	Turn Around	_			ANALYSIS REQUEST		Preservative Codes
Project Number:	226201		Routine	✓ Rush	Pres. Code		_			None: NO DI Water: H ₂ O
Project Location	Eddy Co. NM		Due Date:	24hr.					Coo	Cool: Cool MeOH: Me
Sampler's Name:	Ethan Sessums		TAT starts the	TAT starts the day received by the	Ð		RO)		HC	
PO #			lab, if recei	lab, if received by 4:30pm	-	_	+ M		H ₂ S	
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	neter	в			H,P	0
Received Intact:	(Yes) No	Thermometer ID:	neter ID:	113	iram	802			_	NaHSO4: NABIS
Cooler Custody Seals:	Yes No N/A	Correction Factor:	on Factor:	-D.10°C	Pa	TEX	GR		HO	Na2S2O3: NaSO3
Sample Custody Seals:	Yes No N/A	Tempera	Temperature Reading:	6.4.		B			Zn	Zn Acetate+NaOH: Zn
Total Containers:	35	Corrected	Corrected Temperature:	5.8%			801		Nat	NaOH+Ascorbic Acid: SAPC
Sample Identification	ation Date	Time	Soil	Water Comp	p Cont		TPH			Sample Comments
TP-5 (Surface)	e) 9/23/2022	2	×	Grab/	0/ 1	×	×			2
TP-5 (1')	9/23/2022	N	×	Grab/	0/ 1	×	×			2
TP-5 (2')	9/23/2022	2	×	Grab/	0/ 1	×	-			200
TP-5 (3')	9/23/2022	2	×	Grab/	0/ 1	×	×		910	515
TP-5 (4')	9/23/2022	2	×	Grab/	0/ 1	×	x x			3
TP-6 (Surface)	e) 9/23/2022	N	×	Grab/	0/ 1	×	×		0	
TP-6 (1')	9/23/2022	2	×	Grab/	0/ 1	×	××		2	7
TP-6 (2')	9/23/2022	2	×	Grab/	0/ 1	×	×		20 5	22
TP-6 (3')	9/23/2022	2	×	Grab/	0/ 1	×	××		23	20
TP-6 (4')	9/23/2022	2	×	Grab/	0/ 1	×	x x		20	0
Additoinal	Additoinal Comments:									
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be	gnature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors . Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be	mples constituend shall not at h project and a	a charge of \$5 for ea	e order from client ibility for any losse ach sample submitt	company to) as or expense ted to Xenco,	Xenco, its : is incurred but not an	affiliates an by the clie halyzed. The	subcontractors. It assigns standard terms and conditions If such losses are due to circumstances beyond the control se terms will be enforced unless previously negotiated.	nd conditions and the control gotiated.	
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Chain of Custody

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Project Manager:	Becky Haskell				Bill to: (if different)	ent)	Cha	Chase Settle							Work O	rder C	Work Order Comments		
Company Name:	NTG Environmental	ental			Company Name:	ame:	EOG	5				-	Program: UST/PST PRP	ISTIDST		Brown	finite Dp	_	
Address:	701 Tradewinds BLVD	s BLVD			Address:							s -	State of Project:	oject:		PIOWI			
City, State ZIP:	Midland, TX 79706	1706			City, State ZIP.	IP:	-					R	Reporting:Level II Level III PST/UST	evel II	Level III	PST/	UST TRRP	IP Level IV	<
Phone:	432-766-1918			Email:	Becky Haskell,		e Settle	Chase Settle, and Amber Griffin	nber Gr	ffin			Deliverables: EDD	EDD	Ш	ADaPT	Other:		
Project Name:	Jac	Jackson B #5		Turn	Turn Around		_			A	NALYSI	ANALYSIS REQUEST	EST			_	Preser	Preservative Codes	"
Project Number:		226201		Routine	I Rush	Pres. Code	ē 9		_	_	_			_	_		None: NO	DI Water	H O
Project Location	Ed	Eddy Co. NM		Due Date:	24hr	_	-		_		+	1	+	_			NOTE. INC		120
Sampler's Name:	Etha	Ethan Sessums		TAT starts the day received by the	day received by	/ the	-	RO)					-			_	Cool: Cool	MeOH: Me	- 0
PO #				lab, if recei	lab, if received by 4:30pm	_		+ MF		_	-		-				HS0. H	NID SCAN	
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	eter	в	DRO	00	_			-			_	H DO - HD	INDUTI. INC	_
Received Intact:	(Yes	No	Thermometer ID:	ter ID:	12		8021	D + I	e 45	_			-				NaHSO - NARIS	210	
Cooler Custody Seals:	Yes	NO NIA	Correction Factor:	Factor:	- D. (0)	Pa	TEX	GR	lorid	_	-		_	_		но	Na,S,O,: NaSO,	ç,	
Sample Custody Seals:	Yes	No NIA	Temperatu	Temperature Reading:	10.42		вт	5M (Chi	_		_	_	_	_	_	Zn Acetate+NaOH: Zn	aOH: Zn	
Total Containers:		35	Corrected	Corrected Temperature:	5.8°		-	801		_				_			VaOH+Ascori	NaOH+Ascorbic Acid: SAPC	
Sample Identification	tification	Date	Time	Soil	Water Gr	Grab/ # of Comp Cont	# 1	тр						_			Sample	Sample Comments	
TP-7 (Surface)	face)	9/23/2022		×	G	-	×	×	×	_	+		+	_			2		
TP-7 (1')	1')	9/23/2022		×	Gr	Grab/ 1	×	×	×		+				-		R.		
TP-7 (2')	2")	9/23/2022		×	G	Grab/ 1	×	×	×		_			_					
TP-7 (3')	3')	9/23/2022		×	G	Grab/ 1	×	×	×		+		-				PE		
TP-7 (4')	4")	9/23/2022		×	G	Grab/ 1	×	×	×		_			_			S.		
						_	-		-		-								
						+	+		+		-								
							-		_										
Additoi	Additoinal Comments:																		
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enf	ocument and relinguable only for the cos rge of \$85.00 will be	st of samples and applied to each p	les constitutes shall not assu roject and a cl	s a valid purchase ume any responsion harge of \$5 for ear	e order from clie ibility for any los ich sample subn	nt company t sses or expen nitted to Xeno	lo Xenco, Ises incur co, but no	its affiliate red by the t analyzed.	s and sub client if su These ter	ch losses are ms will be enf	t assigns s due to circ forced unle	andard terr umstances	It assigns standard terms and conditions e due to circumstances beyond the control nforced unless previously negotiated.	litions control					
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December 13, 2022

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

RE: JACKSON 5

Enclosed are the results of analyses for samples received by the laboratory on 12/12/22 15:20.

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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



		BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:	
Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	JACKSON 5	Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY		

Sample ID: SW - 1 (H225849-01)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	12/13/2022	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	12/12/2022	ND	218	109	200	12.1	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	107 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	120 9	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706	JITE C	
		Fax To:		
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 2 (H225849-02)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	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	16.0	16.0	12/13/2022	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	12/12/2022	ND	218	109	200	12.1	
DRO >C10-C28*	59.7	10.0	12/12/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	42.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706	JITE C	
		Fax To:		
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 3 (H225849-03)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2022	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	12/12/2022	ND	218	109	200	12.1	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	92.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706	JITE C	
		Fax To:		
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 4 (H225849-04)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	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	12/13/2022	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	12/13/2022	ND	218	109	200	12.1	
DRO >C10-C28*	90.2	10.0	12/13/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	72.2	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706	JITE C	
		Fax To:		
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 5 (H225849-05)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/13/2022	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	12/12/2022	ND	218	109	200	12.1	
DRO >C10-C28*	35.3	10.0	12/12/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	17.2	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 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:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 6 (H225849-06)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	32.0	16.0	12/13/2022	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	12/12/2022	ND	218	109	200	12.1	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 1 4' (H225849-07)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	608	16.0	12/13/2022	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	12/13/2022	ND	218	109	200	12.1	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 2 4' (H225849-08)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	704	16.0	12/13/2022	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	12/13/2022	ND	218	109	200	12.1	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706	JITE C	
		Fax To:		
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 3 2' (H225849-09)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	32.0	16.0	12/13/2022	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	12/13/2022	ND	218	109	200	12.1	
DRO >C10-C28*	273	10.0	12/13/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	179	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	130	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	178	% 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. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 4 2' (H225849-10)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	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	48.0	16.0	12/13/2022	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	12/13/2022	ND	218	109	200	12.1	
DRO >C10-C28*	45.8	10.0	12/13/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	68.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	51						
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. S MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 5 3' (H225849-11)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	208	16.0	12/13/2022	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	12/13/2022	ND	218	109	200	12.1	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 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:	UITE C	
Received:	12/12/2022		Sampling Date:	12/12/2022
Reported:	12/13/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	** (See Notes)
Project Number:	LEA COUNTY		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 6 3' (H225849-12)

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	12/13/2022	ND	2.08	104	2.00	0.787	
Toluene*	<0.050	0.050	12/13/2022	ND	2.16	108	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.11	105	2.00	0.924	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.54	109	6.00	0.793	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	80.0	16.0	12/13/2022	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	12/13/2022	ND	218	109	200	12.1	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	197	98.6	200	15.4	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.1	% 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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 12/30/2022 11:28:05 AM



NY, (575) 393-2476 BILL TO Stale: AJ,M, Zip: 767-364 PD, #: Fax #: Project Owner: C 0 G Fax #: Phone #: Project Owner: C 0 G Stale: N/TRX Project Owner: C 0 G Stale: N/TRX Project Owner: C 0 G Stale: N/TRX Project Owner: C 0 G Stale: Zip: Project Owner: C 0 G Stale: C 0 G G G 1 G C 0 THER: Time: C 0 G 0 Hard Time: Received BY: Time: Received BY: Date: Received BY: Stanple Coolding C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1	PLEASE NOTE: Liability and Darnages. Cardinal's liability and analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or co- affinates or successors arising out of or related to the performa Relinquished By: Relinquished By: Delivered By: (Circle One)	Lab I.D. Sam	Project Manager: Beck y Address: 482 E Jour / City: Corls bud Pilone #: 432 A24 8056 Project Name: JackSon Project Location: Lea Co Sampler Name: Jack	101 East Mariance (575) 393-2326
BILL TO ANALY P.O. #: Company: Address: City: State: Zip: Phone #: Preserv Solid OTHER DATE TIME Val /2 Zip: Val /2 Zip:	ability and client's exclusive ramedy for any clian atising whether on any other cause whateover shall be deemed waived unsate performance of services hereunder by Cardinal, ngardless of w Date: 2/1/2 Received B Time: 2/20 Date: Received B Date: Received B Time: Coo S. Sa	G G (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER	HASKEL Avv State: NM Zip: 8720 Fax #: Project Owner: E06 S	101 East Mariand, Hobbs, NW 00240 (575) 393-2326 FAX (575) 393-2476
IG AMALY	ther based in onthad or tort, shall be limited to the amount paid by as made in writing and necessarily call of the source of the source by the or vasiness interruptions, loss of use, or loss of pass after used of whether such claim is based upon any of the above stated reason By: By: By: By: By: By: By: By: By: By:	OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	P.O. #: Company: Attn: Attn: Atddress: City: City: City: State: Zip: Phone #: Fax #:	BILL TO
SIS REQUEST	ailed. Please provide Ema	TOX THE TATE CHLORIJE KTE BTEX	,S	ANALYSIS

Released to Imaging: 2/2/2023 9:49:53 AM

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December 22, 2022

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

RE: JACKSON 5

Enclosed are the results of analyses for samples received by the laboratory on 12/21/22 15:30.

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



		BECKY HASKELL		
		701 TRADEWINDS BLVD. SU	JITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	12/21/2022		Sampling Date:	12/20/2022
Reported:	12/22/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 2A (H226036-01)

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	12/22/2022	ND	1.96	97.8	2.00	4.62	
Toluene*	<0.050	0.050	12/22/2022	ND	2.09	104	2.00	5.40	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.08	104	2.00	5.44	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.42	107	6.00	4.70	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/22/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	201	100	200	1.82	
DRO >C10-C28*	95.2	10.0	12/22/2022	ND	198	99.0	200	3.45	
EXT DRO >C28-C36	81.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	78.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.1	% 46.3-17	0						

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/21/2022		Sampling Date:	12/20/2022
Reported:	12/22/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 4A (H226036-02)

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	12/22/2022	ND	1.96	97.8	2.00	4.62	
Toluene*	<0.050	0.050	12/22/2022	ND	2.09	104	2.00	5.40	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.08	104	2.00	5.44	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.42	107	6.00	4.70	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	224	16.0	12/22/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	201	100	200	1.82	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	198	99.0	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	74.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.8	% 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. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/21/2022		Sampling Date:	12/20/2022
Reported:	12/22/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 3A 4' (H226036-03)

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	12/22/2022	ND	1.96	97.8	2.00	4.62	
Toluene*	<0.050	0.050	12/22/2022	ND	2.09	104	2.00	5.40	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.08	104	2.00	5.44	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.42	107	6.00	4.70	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: GM		d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/22/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	201	100	200	1.82	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	198	99.0	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	76.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.2	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL		
		701 TRADEWINDS BLVD. S	SUITE C	
		MIDLAND TX, 79706		
		Fax To:		
Received:	12/21/2022		Sampling Date:	12/20/2022
Reported:	12/22/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 4A 4' (H226036-04)

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	12/22/2022	ND	1.96	97.8	2.00	4.62	
Toluene*	<0.050	0.050	12/22/2022	ND	2.09	104	2.00	5.40	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.08	104	2.00	5.44	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.42	107	6.00	4.70	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	96.0	16.0	12/22/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	201	100	200	1.82	
DRO >C10-C28*	94.2	10.0	12/22/2022	ND	198	99.0	200	3.45	
EXT DRO >C28-C36	81.2	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.6	% 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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 12/30/2022 11:28:05 AM



ARDINA



December 27, 2022

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

RE: JACKSON 5

Enclosed are the results of analyses for samples received by the laboratory on 12/27/22 10:45.

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/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. S MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/27/2022		Sampling Date:	12/27/2022
Reported:	12/27/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 7 4' (H226070-01)

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	12/27/2022	ND	2.09	104	2.00	6.14	
Toluene*	<0.050	0.050	12/27/2022	ND	2.21	111	2.00	5.44	
Ethylbenzene*	<0.050	0.050	12/27/2022	ND	2.20	110	2.00	5.46	
Total Xylenes*	<0.150	0.150	12/27/2022	ND	6.75	113	6.00	5.67	
Total BTEX	<0.300	0.300	12/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	64.0	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
DRO >C10-C28*	<10.0	10.0	12/27/2022	ND	176	88.1	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					
Surrogate: 1-Chlorooctane	79.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.1	% 46.3-17	0						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/27/2022		Sampling Date:	12/27/2022
Reported:	12/27/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 8 4' (H226070-02)

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	12/27/2022	ND	2.09	104	2.00	6.14	
Toluene*	<0.050	0.050	12/27/2022	ND	2.21	111	2.00	5.44	
Ethylbenzene*	<0.050	0.050	12/27/2022	ND	2.20	110	2.00	5.46	
Total Xylenes*	<0.150	0.150	12/27/2022	ND	6.75	113	6.00	5.67	
Total BTEX	<0.300	0.300	12/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B mg/kg		/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
DRO >C10-C28*	<10.0	10.0	12/27/2022	ND	176	88.1	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					
Surrogate: 1-Chlorooctane	86.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

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.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	12/27/2022		Sampling Date:	12/27/2022
Reported:	12/27/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: S - 9 4' (H226070-03)

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	12/27/2022	ND	2.09	104	2.00	6.14	
Toluene*	<0.050	0.050	12/27/2022	ND	2.21	111	2.00	5.44	
Ethylbenzene*	<0.050	0.050	12/27/2022	ND	2.20	110	2.00	5.46	
Total Xylenes*	<0.150	0.150	12/27/2022	ND	6.75	113	6.00	5.67	
Total BTEX	<0.300	0.300	12/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B mg/kg		/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
DRO >C10-C28*	<10.0	10.0	12/27/2022	ND	176	88.1	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.1	% 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:	UITE C	
Received:	12/27/2022		Sampling Date:	12/27/2022
Reported:	12/27/2022		Sampling Type:	Soil
Project Name:	JACKSON 5		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY			

Sample ID: SW - 2B (H226070-04)

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	12/27/2022	ND	2.09	104	2.00	6.14	
Toluene*	<0.050	0.050	12/27/2022	ND	2.21	111	2.00	5.44	
Ethylbenzene*	<0.050	0.050	12/27/2022	ND	2.20	110	2.00	5.46	
Total Xylenes*	<0.150	0.150	12/27/2022	ND	6.75	113	6.00	5.67	
Total BTEX	<0.300	0.300	12/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B mg/kg		/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
DRO >C10-C28*	33.5	10.0	12/27/2022	ND	176	88.1	200	1.07	
EXT DRO >C28-C36	22.4	10.0	12/27/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	89.6	% 46.3-17	'8						

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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

ratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Naminda PA	Julion By	affiliates or successors arising out of or related to the performance (Relinquished By)	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive teneody for any claim arising whether based in contract or tort, shall be limited to the amount pad by the client's or the analyses. All claims including those for negligence and any other cause whatboewer shall be deemed waked unless made in writing and received by Cardinal within 9 30 days after completion of the application of				 4 54	0	Co.		N NAICH	52.50	Lab I.D. Sample I.D.		FOR LAB USE ONLY	Sampler Name: Taler Um	Project Location: Eddy Cours	Project Name: JackSon 5	Project #:	10# 432921-80S	City: Con 150an	Address: UN2 E Wast AJ	Project Manager: Poch to the	Company Name: NTOP	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Time: Sample Condition Observed Temp. °C Sample Condition Corrected Temp. °C Yes	Time: 10% 4/5 Shoo	of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated re Date: 17,27 Received By:	Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tot, shall be lianded to the negligence and any other cause whatsoever shall be deermed weided unless made in writing and received by Cardinal within to a for incidential or consequential dumanges, including without limitation, business interruptions, loss of use, or loss of profits i has for incidential or consequential dumanges. Including without limitation, business interruptions, loss of use, or loss of profits i			•	-25 PI X	6	X 1 9 1 1	X I O T V	- # G V < s	CON BROL VAST SOIL	B OR NTAIN JNDW TEWAT	ATER		12/1	44		Project Owner: EOO	6 Fax #:	State: NM Zip: 88220		shol		bbs, NM 88240 ((575) 393-2476
No CHECKED BY:	Rigues	claim is based upon any of the above stated	ntract or tort, shall be limited to the amount p or and received by Cardinal within 30 days a ions, loss of use, or loss of profits incurred b			-	W	2					BASE	_	TRESERV.	1	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL TO	
Turnaround Time: Standard Rush Correction Factor -0.5°C			amount paid by the client for the 30 days after completion of the applicable ncurred by client, its subaidiaries,	La la clava fan line			× •	W FUX	NXXX	XXXX		TIME	Chi Shi	+ Ex	, d				-						
		Pres I No Add'I Phone #:						-						-				-				_		ANALYSIS REQUEST	
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes No No Corrected Temp. °C								-				-				1								JESI	104

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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	171361
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
amaxwell	None	2/2/2023

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Action 171361

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