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

Responsible Party: Permian Resources

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2306851971
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID: 372165

•				
Contact Name: Montgomery Floyd			Con	tact Telephone: 432-425-8321
Contact email: montgomery.floyd@permianres.com			Incid	lent #
Contact mailing addr Midland, Tx. 79701	ess: 300 N Marienfel	d St. Suite 1000		
		Location	n of Relea	se Source
atitude 32.197024		(NAD 83 in a	Longi lecimal degrees to	tude -103.458540
Site Name: Sheba Fed	Com 27 CTB		Site	Type: Production Facility
Date Release Discove	red: 02/25/2023		API	t (if applicable)
Unit Letter Section	n Township	Range		County
H 22	24S	34E	Lea	
				e of Release
Crude Oil	Volume Releas		ch calculations or	Specific justification for the volumes provided below) Volume Recovered (bbls) 51
Produced Water	Volume Releas	ed (bbls) 118		Volume Recovered (bbls) 80
	Is the concentrate produced water	ation of dissolved >10,000 mg/l?	chloride in the	Yes No
Condensate Volume Released (bbls)			Volume Recovered (bbls)	
☐ Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)	
Other (describe) Volume/Weight Released (provide units)		de units)	Volume/Weight Recovered (provide units)	
battery due to the ove		tion which requir	ed Jal VFD res	n a release of produced fluids to soil. A fire occurred at the sponse to extinguish. The site will be remediated to state



Incident ID	nAPP2306851971
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Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?	
release as defined by	The released resulted in a fire, and exceeded 25 barrels volume.	
19.15.29.7(A) NMAC?		
⊠ Yes □ No		
If YES, was immediate n	notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	
	Initial Response	
The responsible	e party must undertake the following actions immediately unless they could create a safety hazard that would result in injury	
The source of the rele	lease has been stopped.	
	has been secured to protect human health and the environment.	
_	have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
	recoverable materials have been removed and managed appropriately.	
	ed above have not been undertaken, explain why:	
If all the actions described	ed above have <u>not</u> been undertaken, explain why:	
9		
	MAC the responsible party may commence remediation immediately after discovery of a release. If remedian a narrative of actions to date. If remedial efforts have been successfully completed or if the release occ	
	ent area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	urred
	Formation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and	
regulations all operators are	e required to report and/or file certain release notifications and perform corrective actions for releases which may endar	nger
public health or the environr	nment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations higate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. I	ave
addition, OCD acceptance of	of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local law	ws
and/or regulations.		
Printed Name: Montgome	nery Floyd Title: Environmental Manager	
Signature:	Date:	
email: montgomery.floyd	rd@permianres.com Telephone: 432-425-8321	\$
OCD Only		3
Pacaized by:	Data	
Received by.	Date:	



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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?	(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 Indf format are preferred) demonstrating the lateral and ver	tical extents of soil

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.

	Ch	aracterization Report Checklist: Each of the following items must be included in the report.
١.		
	×	Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
	_	Field data
		Data table of soil contaminant concentration data
	P	Depth to water determination
-	X	Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
54		Boring or excavation logs
Ŀ	X	Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody
4	×	Topographic/Aerial maps
3	X	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 along the remediation technique, proposed sampling plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.



Incident ID	nAPP2306851971
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I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release noti public health or the environment. The acceptance of a C-141 report by the C failed to adequately investigate and remediate contamination that pose a thre addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In
Printed Name:	Title:
Signature: MODE	Date:
email:	Telephone:
OCD Only	
Received by:Jocelyn Harimon	Date:06/16/2023



Incident ID	nAPP2306851971
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Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated
Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.
☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: Montgomery floyd permiances.com Telephone: 432 425 8321
OCD Only
Received by: Jocelyn Harimon Date: 06/16/2023
Approved
Signature: Nelson Velez Date: 09/18/2023

Remediation plan is approved. Permian Resources has 90-days (December 14, 2023) to submit its appropriate or final closure report.



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

Incident ID	nAPP2306851971
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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.

A scaled site and sampling diagram as described in 19.	.15.29.11 NMAC
Photographs of the remediated site prior to backfill or must be notified 2 days prior to liner inspection)	photos of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropria	ate ODC District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file may endanger public health or the environment. The accept should their operations have failed to adequately investigate human health or the environment. In addition, OCD accept compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to	complete to the best of my knowledge and understand that pursuant to OCD rules e certain release notifications and perform corrective actions for releases which ance of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, ance of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in to the OCD when reclamation and re-vegetation are complete.
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
	le party of liability should their operations have failed to adequately investigate and surface water, human health, or the environment nor does not relieve the responsible ws and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

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

State of New Mexico Energy Minerals and Natural Resources Department

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

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

Released to Imaging: 9/18/2023 12:48:57 PM

Incident ID	nAPP2306851971
District RP	
Facility ID	
Application ID	

Release Notification

Dosponsible Porty

Manager and Colors				7111		
	Responsible Party: Permian Resources		(OGRID: 372165		
Contact Name: Montgomery Floyd		C	Contact Telephone: 432-425-8321			
Contact email: montgomery.floyd@permianres.com		I	ncident#			
Contact mailin Midland, Tx. 7		300 N. Marienfe	ld Suite 10000,			
			Locatio	n of Rel	ease Source	
atitude 32.19°	7024		(NAD 83 in		ongitude -103.458540	
N. M. Ol	1 5 10	27 CED	(NAD 65 III	7-91-11-1		
Site Name: She	12 10 10 10 10 10 10 10 10 10 10 10 10 10				ite Type: Production Facility	
Date Release D	Discovered:	: 02/25/2023		A	PI# (if applicable)	
Unit Letter	Section	Township	Range		County	
H :	22	24S	34E	Lea		
urface Owner:		Federal T	Nature an	nd Volu	me of Release or specific justification for the volumes Volume Recovered (1)	
□ Produced Water			Volume Recovered (I	EWS/00		
Z Troduced (Is the concentration of dissolved chloride produced water >10,000 mg/l?		l chloride in		(013) 00	
	a .	Volume Released (bbls)				
Condensate		Volume Releas	ed (obis)		Volume Recovered (l	obls)
Condensate Natural Gas		Volume Release			Volume Recovered (I	A part of the same

Due to a failed dump valve the separators were filled with fluid resulting in a release of produced liquids to soil. A fire occurred at the battery due to the overflow through separation which required Jal VFD response to extinguish. The site will be remediated to state standards. Volumes were justified using telemetry and delineation sampling data.



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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? The release resulted in a fire, and exceeded 25 barrels volume.
⊠ Yes □ No	
If YES, was immediate r	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
∑ The source of the rel	ease has been stopped.
The impacted area h	as been secured to protect human health and the environment.
Released materials h	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and r	ecoverable materials have been removed and managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NN has begun, please attach	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
Per 19.15.29.8 B. (4) NN has begun, please attach within a lined containme I hereby certify that the inforegulations all operators are public health or the environ failed to adequately investign addition, OCD acceptance of	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred
Per 19.15.29.8 B. (4) NN has begun, please attach within a lined containme I hereby certify that the inforegulations all operators are public health or the environ failed to adequately investign addition, OCD acceptance cand/or regulations.	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. Immation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In fa C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Per 19.15.29.8 B. (4) NN has begun, please attach within a lined containme I hereby certify that the inforegulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Montgom	fAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. Transition given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In fa C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme. I hereby certify that the inforegulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Montgom Signature:	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. Transition given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In fa C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws ery Floyd Title: Environmental Manager Date: 3-10-23
Per 19.15.29.8 B. (4) NN has begun, please attach within a lined containme I hereby certify that the inforegulations all operators are public health or the environ failed to adequately investigned.	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. Immation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In fa C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws ery Floyd Title: Environmental Manager Date: 3-10-23

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Incident ID	nAPP2306851971	
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>Unknown</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?			
Are the lateral extents of the release within a 100-year floodplain?			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 			

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

Received by OCD: 6/15/2023 4:37:54 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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

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Incident ID	nAPP2306851971
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Facility ID	
Application ID	

Remediation Plan

 Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 				
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.				
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.				
☐ Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.			
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of laws and/or regulations. Title: Environmental Manager Date: 6/14/2023			
OCD Only				
Received by:	Date:			
☐ Approved ☐ Approved with Attached Conditions of	Approval			
Signature:	<u>Date:</u>			



701 Tradewinds Blvd Midland, Texas 79707 Tel. 432-766-1918 www.ntgenvironmental.com

June 15, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Site Characterization and Remediation Update Report

Sheba Fed 27 CTB 1

Permian Resources Operating, LLC

Incident ID: nAPP2306851971

H-22-24S-34E, Lea County, New Mexico

1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of Permian Resources Operating, LLC (Permian), submits this Site Characterization and Remediation Update Report to the NMOCD District 2 Office in Artesia, New Mexico. This report provides documentation of sampling, analysis, and remediation activities conducted to date in the affected areas at the Permian Sheba Fed 27 CTB 1 Release Site (Site). The Site is located in Unit Letter H, Section 22 of Township 24 South and Range 34 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.197024° N Latitude and 103.458540° W Longitude. Figures 1 and 2 depict the Site location. The excavation overview is depicted on Figure 3.

2. Background

A C-141, Release Notification, for this release was submitted to the NMOCD on March 10, 2023. The C-141 stated that one hundred and eighteen (118) barrels (bbls) of produced water were released with eighty (80) bbls recovered for a net loss of thirty-eight (38) bbls, and seventy-four (74) bbls of crude oil were released with fifty-one (51) bbls recovered for a net loss of twenty-three (23) bbls. The release occurred due to a failed dump valve in which the separators were filled with fluid resulting in a release. A fire ensued at the battery due to the overflow through separation which was extinguished by the Jal Volunteer Fire Department (VFD).

The release falls under the jurisdiction of the NMOCD District 1 Office in Hobbs, New Mexico. The NMOCD assigned the release with Incident Number nAPP2306851971. The Release Notification, Site Assessment/Characterization, and Remediation Plan portions of Form C-141 are attached to the front of this report.

Mr. Mike Bratcher June 15, 2023 Page 2 of 5

3. Groundwater and Site Characterization

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

The area is located in an area of low karst potential. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known depth to groundwater sources and or features within a ½-mile radius of the location. No other receptors were noted within the specified boundaries or distancing from the site. Figure 3, Excavation Overview, depicts the boundary of the release. The Site characterization documentation (NM Oil and Gas Map, Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided as Attachment A. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), the Site is located within an area with an unknown depth to groundwater and meets the Closure Criteria for depth to groundwater less than fifty (50) feet in Table I. The soil and closure criteria are listed below:

General Site Characterization and Groundwater: Table 3.1

Site Characterization	Average Groundwater Depth (ft)
No Receptors Found	Unknown

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	Total BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release		100 mg/kg		50 mg/kg	10 mg/kg
Notes: = not defined					

4. Remedial Action Activities and Confirmation Sampling

Due to the ongoing site activities by Tellus Environmental Services (Tellus), New Tech Global Environmental (NTGE) did not conduct any initial soil delineation activities and was hired by Permian Resources to oversee confirmation sampling of the entire excavation area. Between April 26, 2023, and April 28, 2023, NTGE mobilized to the site to conduct confirmation sampling events. Tellus excavated the west and north edges of the pad where excavation areas ranged from (6) inches to four (4) feet in depth based on visual field observations. NTGE collected one hundred and twenty two (122) bottom hole confirmation samples (CS-1 through CS-122), and forty-five (45) sidewall confirmation samples. The confirmation samples were submitted to Cardinal Laboratory in Hobbs, New Mexico for analysis of benzene, toluene, ethylene, and xylene (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015 Modified, and chloride by EPA Method

A NTG

NTGE Project No.: 237274

Mr. Mike Bratcher June 15, 2023 Page 3 of 5

4500CL. Analytical results indicated twenty-nine (29) bottom hole confirmation samples and twenty-nine (29) sidewall samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria. Soil sample CS-121 exhibited BTEX concentrations above 50 mg/kg. Confirmation samples were collected from areas representing no more than two hundred (200) square feet.

On May 11, 2023, NTGE mobilized to the site to conduct further confirmation sampling activities in the excavated areas between the adjacent central tank batteries and chemical tanks. Areas were excavated from six (6) inches to four (4) feet in depth based on visual field observations and measurements. NTGE collected fifty-six (56) bottom hole samples (CS-123 through CS-178), and twenty-four (24) sidewall samples (SW-46 through SW-69). The confirmation samples were submitted to Cardinal for soil analysis. Analytical results indicated four (4) bottom hole samples, and nine (9) sidewall samples displayed TPH and/or chloride concentrations above Table I Closure Criteria. Although, several of these samples did not meet Closure Criteria regulations, there are several bottom hole and sidewall sample locations collected near and around production equipment or tank berms that would deem remediation not feasible without destabilizing the integrity of equipment or secondary containments. Confirmation sample locations are depicted on Figure 4, Confirmation Sample Map.

On May 16, 2023, NTGE mobilized back to the site to conduct a third confirmation sampling event in order to collect samples in areas that required further remediation from the sampling events on April 26, 2023, through April 28, 2023. Base areas were excavated deeper and sidewall areas extended to achieve removal of all impacted soils. Depths ranged from three and a half (3.5) feet to five (5) feet below ground surface. NTGE collected twenty-nine (29) bottom samples and twenty (20) sidewall samples. The samples were submitted to Cardinal for soil analysis. Analytical results indicated four (4) bottom samples twenty (20) sidewall samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria. One (1) sidewall samples that exhibited concentrations above Table I Closure Criteria are depicted on Figure 5, Deferral Sample Map.

To date, approximately 4,240 yards of impacted soils have been transported offsite for disposal at Northern Delaware Basin Landfill of Jal, New Mexico. Due to the file size, manifests are available upon request. The current excavation extent is depicted on Figure 3, Excavation Overview while confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 1, and in the Laboratory Analytical Reports provided in Attachment D. A Photographic Log is provided as Attachment C and Confirmation Sampling Notifications are provided as Attachment B.

5. nAPP2306851971 Remediation Plan

- Most of the areas represented by samples exhibiting concentrations above Table I Closure Criteria are delineated by surrounding excavations with the exceptions of bottom samples CS-124, CS-142, CS-153, and CS 154 and sidewall samples SW-16, SW-26A, SW-27A, SW-44 and SW-45.
- The areas represented by bottom samples CS-124, CS-142, CS-153, and CS 154, are located in an area where there are underground pipelines that aren't Permian's.

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Mr. Mike Bratcher June 15, 2023 Page 4 of 5

These areas need to be evaluated and the pipeline operator needs to be contacted to determine if further excavation can be conducted. If further excavation is possible, the area will be further excavated, and confirmation samples will be collected. However, if the pipeline operator will not allow further excavation an attempt will be made to vertically delineate the sample points and a deferral request will be made.

- Sidewall samples SW-16, SW-26A, SW-27A, SW-44, and SW-45 can not be further excavated due to proximity to the tank batteries. Additionally, these sample points are not delineated vertically by other excavation areas. In order to vertically delineate these samples four (4) deferral delineation test pits, DD-1 through DD-4, will be installed on the other side of the tank batteries to show the impacts left insitu are minimal. Figure 5, Deferral Sample Map, shows the locations of the proposed deferral delineation test pits.
- Confirmation samples will be collected from areas representing no more than two hundred (200) square feet and taken to a laboratory for analysis of BTEX, TPH, and chloride.
- Once remediation activities are completed the excavation will be backfilled with non-impacted material and a closure report will be prepared and submitted to the NMOCD.
- Remediation activities are expected to be complete by August 29, 2023.
- The volume to be excavated in future activities is dependent on the pipeline operators' restrictions and is unknown at this time.

The Release Notification, Site Assessment/Characterization, and Remediation Plan portions of Form C-141 are attached to the front of this report.

If you have any questions regarding this report or need additional information, please contact us at 432-766-1918.

Sincerely,

NTG Environmental

Becky Haskell

Senior Project Manager

Rebecca Haskell

Attachments:

Figure 1: Site Location Map Topographic Map

Figure 3: Excavation Overview Map Figure 4: Confirmation Sample Map

Figure 5: Deferral Sample Map

Table 1: Summary of Soil Analytical Data
Appendix A: Site Characterization Documentation
Appendix B: Confirmation Sampling Notifications

Appendix C: Photographic Log

NTGE Project No.: 237274



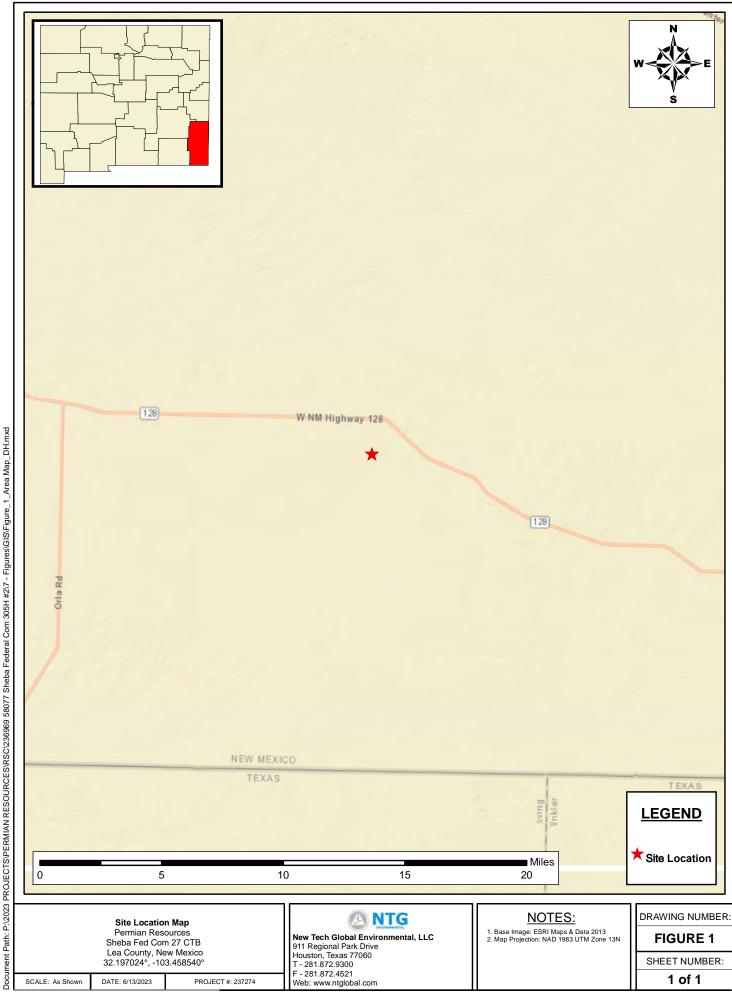
Mr. Mike Bratcher June 15, 2023 Page 5 of 5

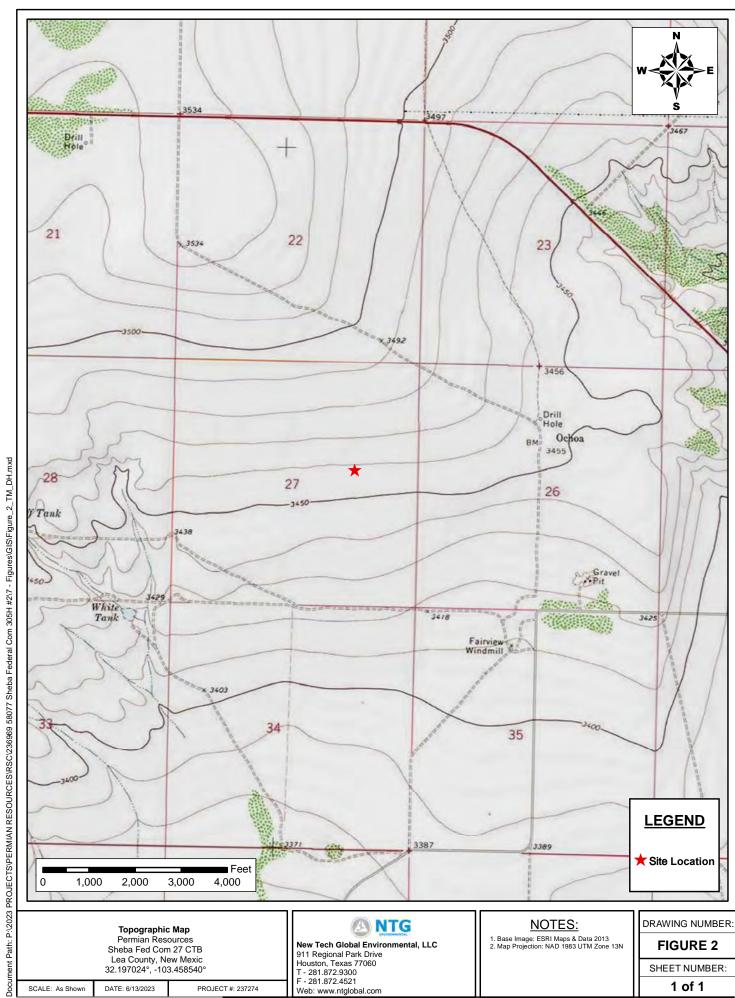
Appendix D: Laboratory Analytical Reports and Chain -of-Custody Documentation

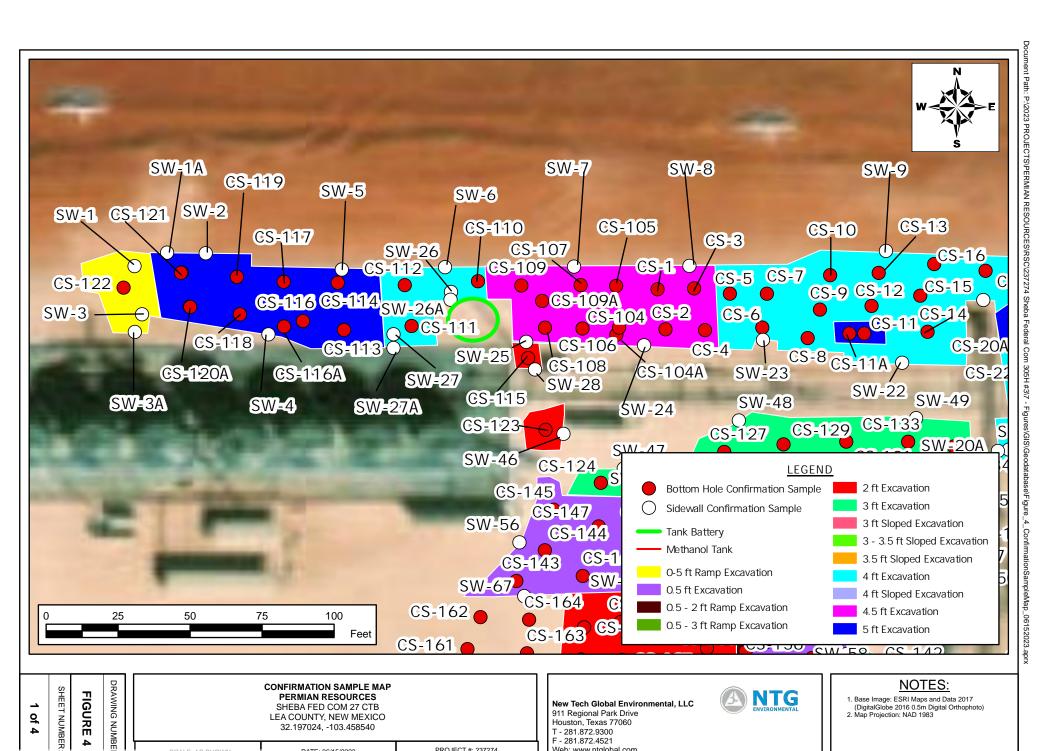
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FIGURES









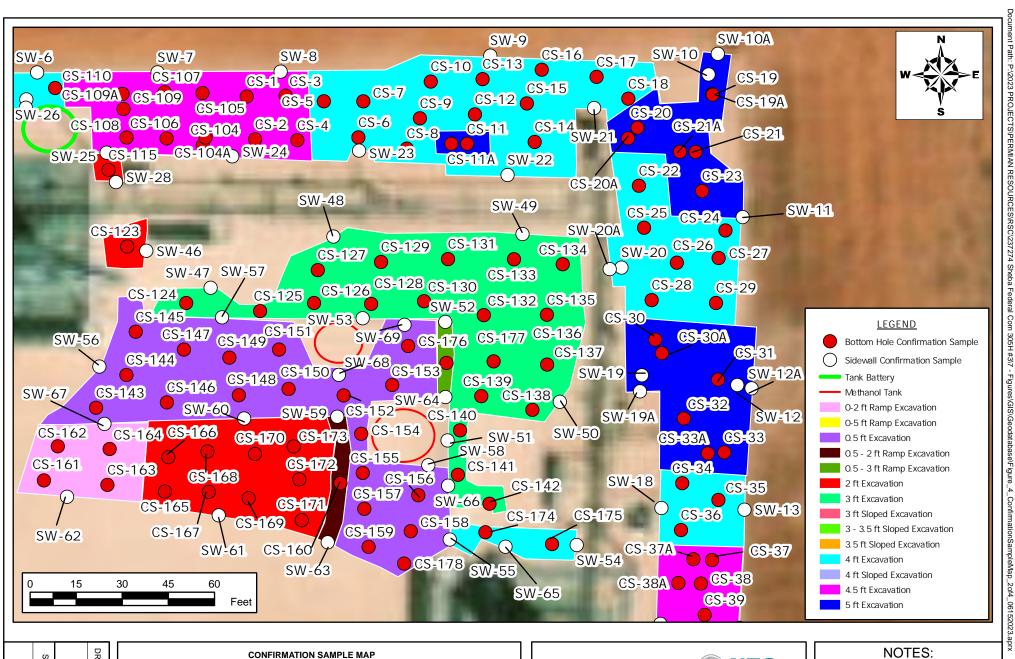
F - 281.872.4521

Web: www.ntglobal.com

PROJECT #: 237274

DATE: 06/15/2023

9/18 SPANE 3 SHOWN 8.57



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9/18 SAFTY STOWN 8.57

PERMIAN RESOURCES SHEBA FED COM 27 CTB LEA COUNTY, NEW MEXICO 32.197024, -103.458540

PROJECT #: 237274 DATE: 06/15/2023

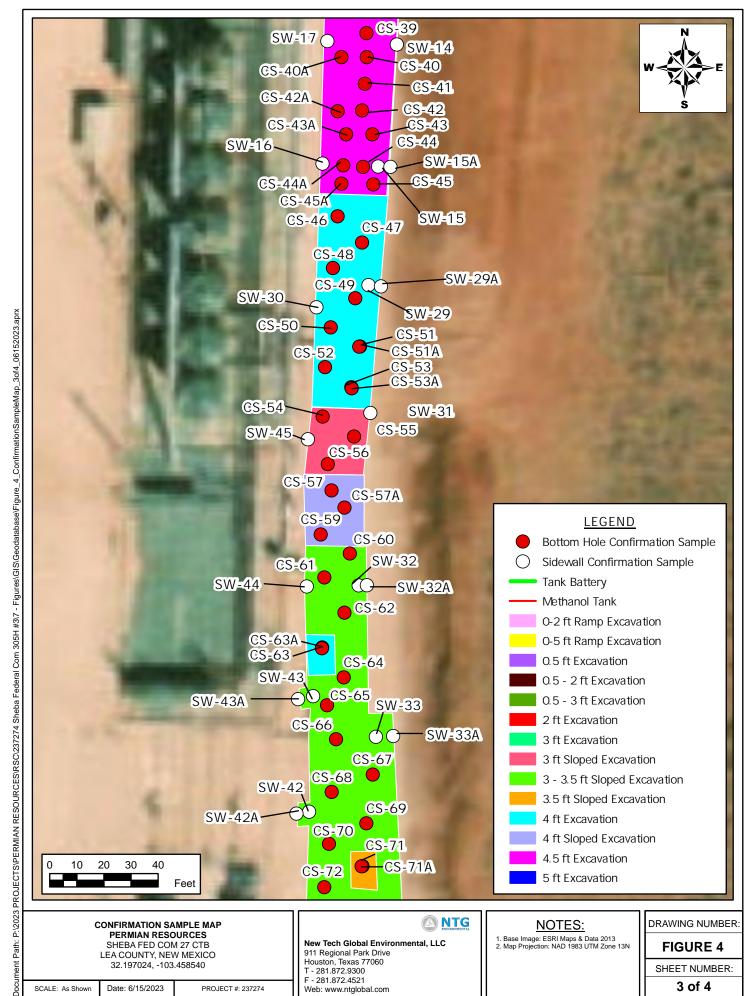
New Tech Global Environmental, LLC 911 Regional Park Drive

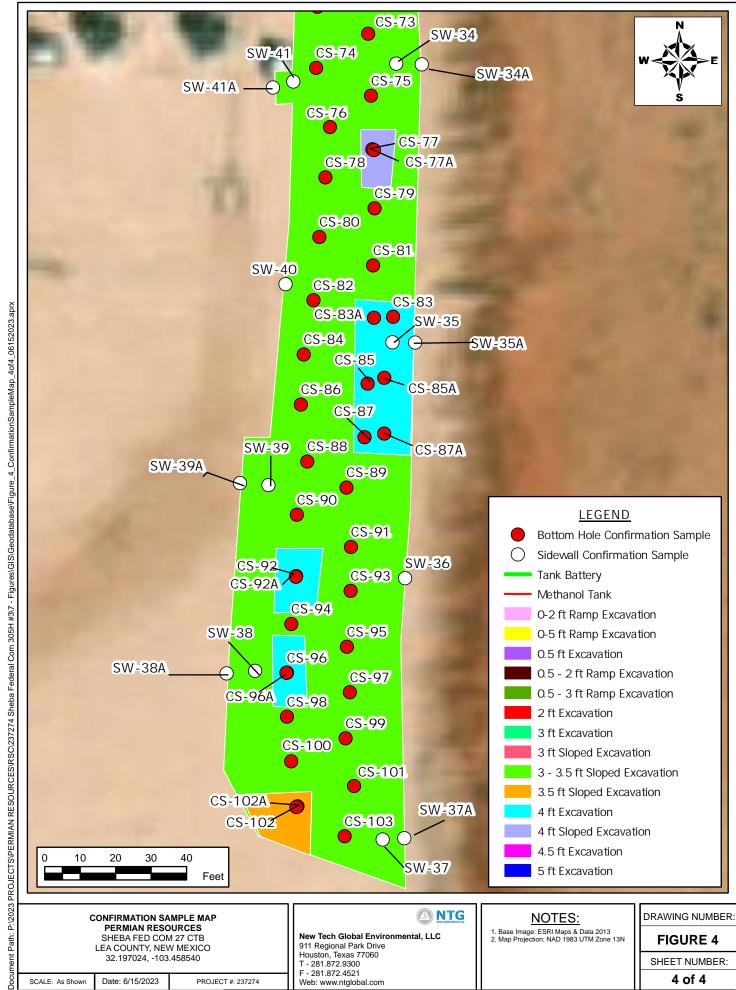
Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntglobal.com

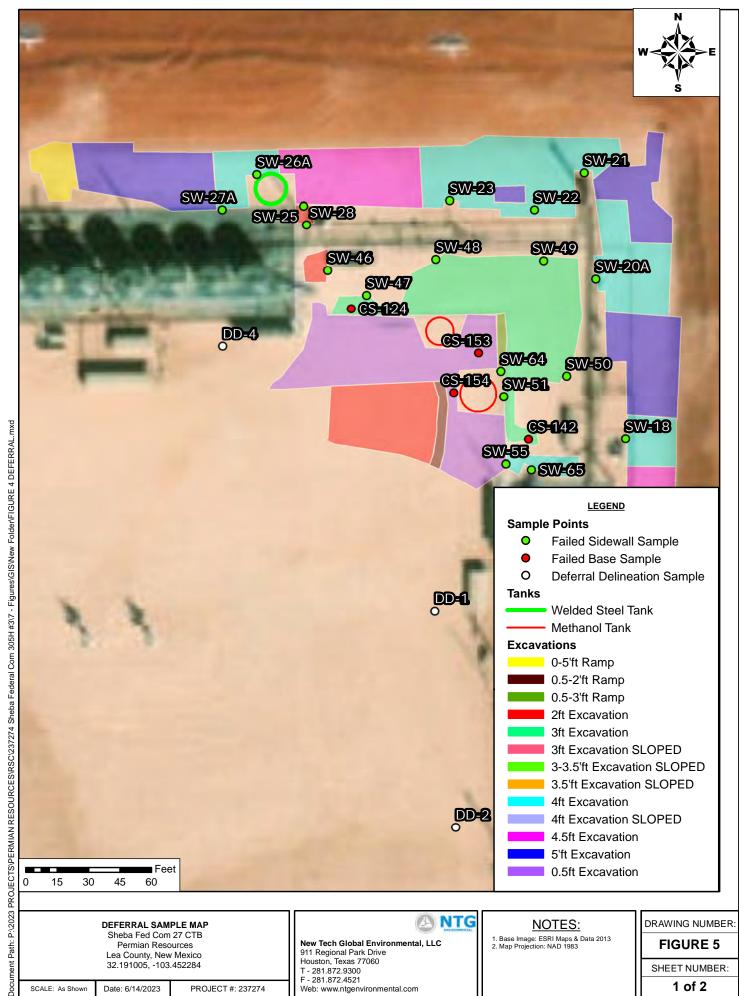


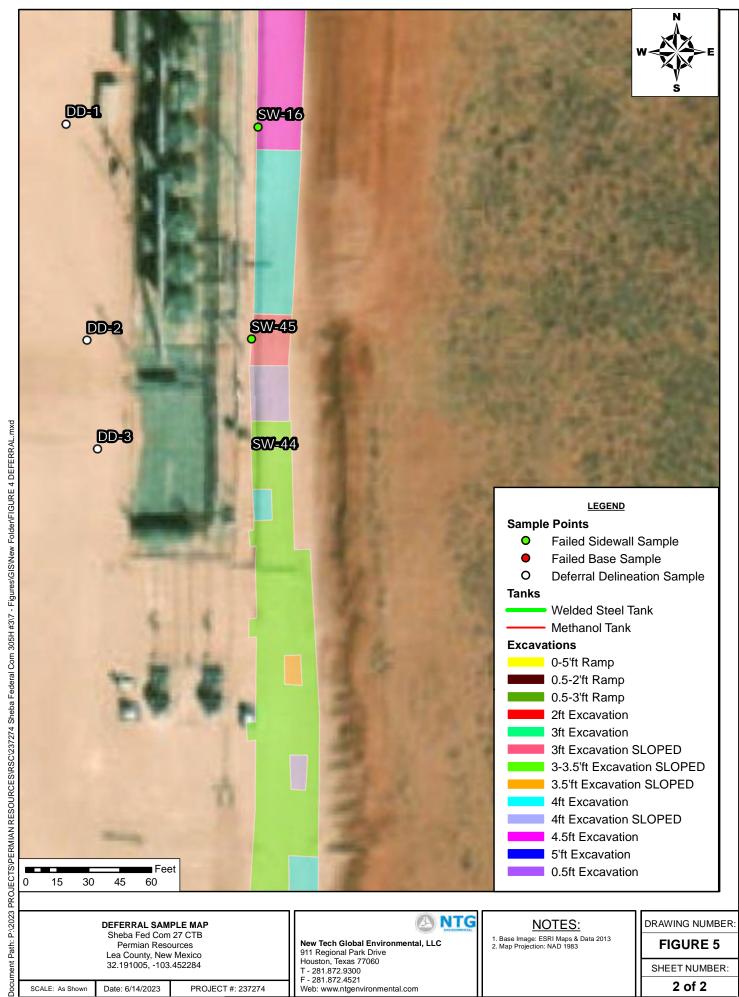
1. Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto)

2. Map Projection: NAD 1983









TABLES



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Table 1 Summary of Soil Analytical Data - Confirmation Samples Sheba Federal Com 305H #3 Permian Resources Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride
·	·	(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 Crit	eria for Soil	<50 feet Dep	th to Groundy	vater 19.15.29 N	IMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
			J		Bottom Ho	ole Confirma	tion Sampl	es				<u> </u>	
CS-1	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-2	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-3	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-4	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	50.4	50.4	<10.0	50.4	160
CS-5	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-6	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.8	32.8	<10.0	32.8	96
CS-7	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-8	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-9	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-10	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.8	12.8	<10.0	12.8	256
CS-11	4/26/2023	4	≤0.050	<u> </u>	≤0.05 0	<u> </u>	_≤0:300	_ 10.0	580	580	_111	691	1,630
CS-11A	5/16/2023	5'	<0.050	0.053	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-12	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-13	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-14	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.9	56.9	<10.0	56.9	240
CS-15	4/26/2023	4'	<0.050	0.165	0.094	0.364	0.622	<10.0	23.4	23.4	<10.0	23.4	208
CS-16	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.5	27.5	<10.0	27.5	128
CS-17	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-18	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-19	4/26/2023				40.05 0	<u>_≤0.150</u>	_≤ 0.30 0	10.0	81.6	81.6	30.0	112	384
CS-19A	5/16/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-20	4/26/2023	4	∠0.05 0	9.05 0	40.05 0	_ _≤0.150	_ ≤0.300	-10.0	1,930	1,930	367	2,297	1,920
CS-20A	5/16/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	11.3	<10.0	11.3	224
CS-21	4/26/2023	4 ¹	0.05 0	∠0.05 0	<0.05 0	<u>_≤0.150</u>	_ _≤0.300	10.0	552	552	_119	671	880
CS-21A	5/16/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-22	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.1	56.1	15.7	71.8	352
CS-23	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.6	16.6	<10.0	16.6	128
CS-24	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.9	61.9	<10.0	61.9	272
CS-25	4/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-26	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.7	42.7	<10.0	42.7	320
CS-27	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-28	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-29	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-30	4/27/2023		≤0.05 0	≥0.050	<0.05 0	<u>_≤0.150</u>	_ ≤0.30 0	10.0	10.0	10.0	10.0	10.0	1,040
CS-30A	5/16/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.0	11.0	<10.0	11.0	448
CS-31	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-32	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.5	27.5	<10.0	27.5	144
CS-33	4/27/2023		≤0.05 0	≥0.050	<0.05 0	<u>_≤0.150</u>	_ ≤0.30 0	10.0	125	125	26	151	304
CS-33A	5/16/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-34	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-35	4/27/2023	4'	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	26.2	26.2	<10.0	26.2	240

Table 1
Summary of Soil Analytical Data - Confirmation Samples
Sheba Federal Com 305H #3
Permian Resources
Lea County, New Mexico

						ounty, New							
										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride
·		(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 Crit	eria for Soil	<50 feet Dep	th to Ground	water 19.15.29 N	MAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-36	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-3 7	4/27/2023	4		20.05 0	40.05 0	<u>-€0.450</u>	<u>∠0.300</u>	10.0	371	371	_94.7	466	1,360
CS-37A	5/16/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-38	4/27/2023	41	≤0.050	<u> </u>	∠0.05 0	150 مک ک	<u>≤0.300</u>	10.0	191	191	_52.9	244	752
CS-38A	5/16/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-39	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
CS-40	4/27/2023	4		<u>_∠0.050</u>	<0.05 0	_£ 0.15 0	_≤0:300	10.0	230	230	_46.5	277	1,040
CS-40A	5/16/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.1	19.1	<10.0	19.1	96
CS-41	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.2	52.2	<10.0	52.2	384
CS-42	4/27/2023	4		0.050	9.076	_0.564	_0.640	17.3	986	1,003	163	1,166	3,080
CS-42A	5/16/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.6	15.6	<10.0	15.6	112
CS-43	4/27/2023	41	2.050	2.050	≤0.05 0	_≤0.150	<u>∠0.300</u>	10.0	419	419	74.8	494	2,480
CS-43A	5/16/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-44	4/27/2023	4		0.05 0	0.052	0.415	_0.467	13.8	743	757	_131	888	3,760
CS-44A	5/16/2023	4.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	59.7	59.7	<10.0	59.7	144
CS-45	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.4	27.4	10.6	38.0	256
CS-46	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-47	4/27/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-48	4/27/2023	3'-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-49	4/27/2023	3'-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	72.6	72.6	17.4	90.0	336
CS-50	4/27/2023	3'-4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
	4/27/2023	3		≤0.05 0	40.05 0	_ ≤0.15 0	_≤ 0.30 0	10.0			24.4	124	704
CS-51A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-52	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-53	4/27/2023	3	≤ 0.05 0	∠0.05 0	≤0.05 0	_ ≤0.150	_≤0:300	10.0	781	781	154	935	4,000
CS-53A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-54	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-55	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.5	75.5	15.4	90.9	400
CS-56	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-5 7	4/27/2023	3	<0.05 0		<0.05 0	<u>29.150</u>	_ ≤0.300	10.0	86.7	86.7	18.2	105	768
CS-57A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-59	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	288
CS-60	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.6	17.6	<10.0	17.6	112
CS-61	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.8	37.8	<10.0	37.8	368
CS-62	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	11.3	10.1	21	80
CS-63	4/27/2023		≤0.05 0	<u>29.050</u> ≥	40.05 0	_£ 0.15 0	_≤ 0.30 0	10.0	140	140	50.8	191	560
CS-63A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-64	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	11.7	<10.0	11.7	48
CS-65	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.6	11.6	<10.0	11.6	16
CS-66	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.2	32.2	14.5	46.7	384
CS-67	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.2	13.2	<10.0	13.2	96
CS-68	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.7	17.7	11.5	29.2	192

Table 1
Summary of Soil Analytical Data - Confirmation Samples
Sheba Federal Com 305H #3
Permian Resources
Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride
·		(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 Crit	eria for Soil	<50 feet Dep	th to Ground	water 19.15.29 N	MAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-69	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.1	13.1	<10.0	13.1	96
CS-70	4/27/2023	3'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	21.6	21.6	<10.0	21.6	112
CS-71	4/27/2023	31	≤0.05 0	0.05 0	<0.05 0	<u>_∠9.150</u>	<u>_≤0.300</u>	10.6	174	185	37.9	223	80
CS-71A	5/16/2023	3.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-72	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.2	16.2	10.5	26.7	96
CS-73	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	12.0	28.0	40.0	10.3	50.3	112
CS-74	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.2	14.2	10.1	24.3	96
CS-75	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.6	10.6	<10.0	10.6	96
CS-76	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.0	11.0	<10.0	11.0	96
CS-77	4/27/2023	-3-		0.050	40.05 0	<u> </u>	<u> </u>	10.0	103	103	_22.6	126	704
CS-77A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-78	4/27/2023	3'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	22.8	22.8	<10.0	22.8	144
CS-79	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.7	13.7	<10.0	13.7	192
CS-80	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.9	31.9	18.3	50.2	160
CS-81	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	69.7	69.7	26.1	95.8	416
CS-82	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-83	4/27/2023	-3-	<u> ≤0.050</u>	<u> ≤0.050</u>		≤0.150	≤0.300		_313	313	-61.2	374	304
CS-83A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-84	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.0	12.0	<10.0	12.0	80
CS-85	4/27/2023	3-	<u>€0.050</u>	<u> ≤0.050</u>		≤ 0.150	≤0.300		255	255	_60.3	315	592
CS-85A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-86	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-87	4/27/2023	31	<u>~0.050</u>	<u>-∞0.050</u>	0.050	± 0.150	± 0.300	10.0	_86.0	86.0	± 10.0	86.0	992
CS-87A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-88	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-89	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-90	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-91	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-92	4/27/2023	3	√0.050 <u>√0.050</u>	√0.030 <u>√0.050</u>	√0.050	<0.130 ≤ 0.15 0	≤0.300	10.0 10.0	10.0 10.0	10.0	×10.0	10.0	912
CS-92A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-93	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-94	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-95	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
_CS-95	4/27/2023	3	<0.030 <u>~<0.050</u>	<0.030 <u><0.050</u>	√0.050 — <0.05 0	<0.130 ≤0.150	≤0.300	<u>√10.0</u>	195	195	40.9	236	_ 1,230
CS-96A	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-90A CS-97	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	74.3	74.3	12.9	87.2	256
CS-98	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.1	27.1	<10.0	27.1	336
CS-99	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.6	17.6	<10.0	17.6	176
CS-100	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.3	32.3	<10.0	32.3	352
CS-100 CS-101	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.6	23.6	<10.0	23.6	304
CS-101	4/27/2023	3	<0.050 -≤ 0.05 0	<0.050 <0.050	<0.050 	<0.150 ≤ 0.15 0	<0.300 ≤ 0.300	×10.0	23.6 -147	23.6	11.5	23.6 —— 159	- 496
CS-102A		3.5'				<0.150						<10.0	48
C2-102A	5/16/2023	5.5	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48

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Table 1 Summary of Soil Analytical Data - Confirmation Samples Sheba Federal Com 305H #3 Permian Resources Lea County, New Mexico

										TDU			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C-10)	DRO (C10-C28)	TPH GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(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 Crit	eria for Soil	<50 feet Dep	th to Groundy	vater 19.15.29 N	MAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-103	4/27/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	46.6	46.6	<10.0	46.6	96
CS-104	4/28/2023	4	∠0.05 0	<u>∠0.050</u>	<0.05 0	<u>_≤0.450</u>	_ ≤0:300	10.0	160.0	160.0	27.7	187.7	544
CS-104A	5/16/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-105	4/28/2023	4'	<0.050	0.066	0.060	0.151	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-106	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-107	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-108	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-109	<u>4/28/2</u> 023	4	0.05 0ء	0.05 0کس	∠0.05 0	_≤0.150	_≤0:300	10.0	150	150	21.8	172	560
CS-109A	5/16/2023	4.5'	<0.050	0.104	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-110	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-111	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-112	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.6	13.6	<10.0	13.6	80
CS-113	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-114	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.4	75.4	10.4	85.8	128
CS-115	4/28/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
<u>CS-116</u>	4/ 28/2 023		0.050	<u>20.050</u>	<0.05 0	_≤ 0.15 0	_≤0.300	10.0	169	169	25.4	194	448
CS-116A	5/16/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-117	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.2	31.2	<10.0	31.2	96
CS-118	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	59.7	59.7	<10.0	59.7	208
CS-119	4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0 78.9	34.5	34.5	<10.0	34.5	64 512
CS-120	4/28/2023			1.55	1.41	5.89	8.85		1270	1349	166	1,515	
CS-120A — CS-12T	5/16/2023	5'	<0.050 -4.88	0.337 	0.095	0.222	0.654	<10.0 2.530	12.1	12.1 	<10.0	12.1 -7.065	96
CS-121A	4/ 28/2 023	5'	<0.050	0.112	98.8 <0.050	<0.150	<0.300	<10.0	4,080 <10.0	<10.0		<10.0	64
CS-121A CS-122	5/16/2023 4/28/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.2	×10.0	<10.0 <10.0	37.2	64
CS-122 CS-123	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.5	37.5	<10.0	37.5	304
CS-123	5/11/2023	3'	<0.050	0.063	<0.050	<0.150	<0.300	<10.0	401	401	<10.0	401	1,170
CS-125	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-125	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-127	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24	24	<10.0	24	96
CS-128	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-129	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-130	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-131	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-132	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-133	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-134	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-135	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-136	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-137	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.2	26.2	<10.0	26.2	48
CS-138	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-139	5/11/2023	3'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	18.3	18.3	<10.0	18.3	44

Table 1
Summary of Soil Analytical Data - Confirmation Samples
Sheba Federal Com 305H #3
Permian Resources
Lea County, New Mexico

								TPH						
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride	
		(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 Crit	eria for Soil	<50 feet Dep	th to Ground	water 19.15.29 N	MAC			
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg	
CS-140	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-141	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-142	5/11/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	390	390	53.3	443.3	2,760	
CS-143	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240	
CS-144	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128	
CS-145	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288	
CS-146	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.4	10.4	<10.0	10.4	128	
CS-147	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
CS-148	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-149	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-150	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.9	20.9	<10.0	20.9	240	
CS-151	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-152	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-153	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	90.3	90.3	12.7	103	192	
CS-154	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	717	717	115	832	448	
CS-155	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-156	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-157	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.6	12.6	<10.0	<10.0	80	
CS-158	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-159	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-160	5/11/2023	6"-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-161	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
CS-162	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.6	12.6	<10.0	12.6	160	
CS-163	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-164	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-165	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-166	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-167	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-168	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-169	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-170	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-171	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-172	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-172	5/11/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-174	5/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-175	5/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
CS-176	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-177	5/11/2023	6"-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.1	29.1	<10.0	29.1	32	
CS-177	5/11/2023	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
C3-1/0	3/11/2023	<u> </u>	<u> </u>	\0.030		l Confirmation		\1U.U	\10.U	\1U.U	\1U.U	\1U.U	ου	
SW-1	4/28/2023	(0-4")	<u>-≤0.050</u>	<u> </u>		± 0.150	50.300 ≥0.300		132	132	26.0	158	160	
SW-1A	5/16/2023	(0-5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	

Table 1
Summary of Soil Analytical Data - Confirmation Samples
Sheba Federal Com 305H #3
Permian Resources
Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(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 Crit	eria for Soil	<50 feet Dep	th to Ground	water 19.15.29 N	MAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
SW-2	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-3	4/ 28/2 023	(0-4")	€0:050	0.39 1	0.379	1.83	2.60	38.7	359	397.7	48.9	446.6	1,660
SW-3A	5/16/2023	(0-5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	40.6	40.6	15.8	56.4	416
SW-4	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-5	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-6	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-7	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-8	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-9	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-10	4/28/2023	(0-4")		0.05 0	<0.05 0	_ 	_ 20.300	10.0	290	290	94.4	384.4	784
SW-10A	5/16/2023	(0-5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.1	18.1	<10.0	18.1	192
SW-11	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.0	30.0	10.1	40.1	128
SW-12	4/28/2023	(0-4")	20.050	<u>-∠0.050</u>	<u> </u>		_ 20.300		375	375	59.7	434.7	336
SW-12A	5/16/2023	(0-5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-13	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.3	42.3	13.9	56.2	240
SW-14	4/28/2023 4/ 28/20 23	(0-4')	<0.050	<0.050 <0.050	<0.050 	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192 -1:170
		(0-4")				<u>20.150</u>	<u>≤0.300</u>				<u>110.0</u>		
SW-15A	5/16/2023	(0-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-16 SW-17	4/28/2023 4/28/2023	(0-4') (0-4')	<0.050 <0.050	<0.050 0.063	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	1,230 54.5	1,230 54.5	251 28.9	1,481 83.4	5,520 400
SW-17	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	985	985	28.9	1,226	4,240
SW-19	4/28/2023 4/ 28/2 023	(0-4) (0-4)	√0.050 ∠0.050	√0.030 -∠0.05 0	<0.030 	<0.130 ≤0.150	<0.300 ≤ 0.300 ≤	10.0 10.0	203	203	_64.3	1,226 — 267.3	1,090
SW-19A	5/16/2023	(0-5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.4	20.4	<10.0	20.4	256
SW-20	4/ 28/2 023	(0-3)	<0.030 -<0.050	<0.030 <u>√0.050</u>	<0.030 	<0.130 ≤ 0.15 0	<0.300 ≤ 0.300	10.0 10.0	20.4	21.7	√10.0 √10.0	21.7	-688
SW-20A	5/16/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.7	35.7	<10.0	35.7	960
SW-21	4/28/2023	(0-4')	<0.050	0.149	0.064	0.198	0.411	<10.0	1,010	1,010	236	1,246	3,520
SW-22	4/28/2023	(0-4')	<0.050	0.384	0.222	1.17	1.78	43.3	2,050	2,093	331	2,424	1,440
SW-23	4/28/2023	(0-4')	0.162	6.29	4.35	16.3	27.1	259	998	1,257	169	1,426	2,240
SW-24	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.6	23.6	17.6	41.2	64
SW-25	4/28/2023	(2'-4')	<0.050	0.141	0.115	0.448	0.704	<10.0	1,180	1,180	553	1,733	2,120
SW-26	4/28/2023	(0-4')		<u>0.050</u>		≥0.150	± 0.300	10.0	_233	233	_54.7	287. 7	1,070
SW-26A	5/16/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-27	4/28/2023	(0-4")	0.054	0.502	0.183	0.644	1.38	13.9	1,730	1,744	356	2,100	10,200
SW-27A	5/16/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.9	26.9	<10.0	26.9	864
SW-28	4/28/2023	(0-2')	<0.050	0.879	0.412	1.25	2.54	28	1,280	1,308	1,050	2,358	16,800
SW-29	4/28/2023	(0-4')	≤ 0.05 0	0.05 0ء	<0.05 0	_ ≤0.15 0	_ ≤0.300	10. 0	50.8	50.8	94.3	145.1	224
SW-29A	5/16/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-30	4/28/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	14.0	14.0	160
SW-31	4/28/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.0	48.0	<10.0	48.0	320
SW-32	<u>4/28/2023</u>	(0-3")	<u> </u>	2.050	<0.05 0	_ ≤0.15 0	_ ≤0.30 0	10.0	166	166	34.5	200.5	320
SW-32A	5/16/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-33	4/ 28/202 3	(0-3')	≤0.050	≤0.050	≤0.05 0	<u>√9.150</u>	_≤0.300	210.0	665	665	130	795	560

Table 1
Summary of Soil Analytical Data - Confirmation Samples
Sheba Federal Com 305H #3
Permian Resources
Lea County, New Mexico

Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C-10)	DRO (C10-C28)	TPH GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(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 Crit	eria for Soil	<50 feet Dep	th to Groundy	water 19.15.29 N	MAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
SW-33A	5/16/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-34	4/28/2023	(0-3")	≤ 0.05 0	<u>20.050</u>	<0.05 0	<u>_≤0.150</u>	_≤0:300	10. 0	632	632	110	742	576
SW-34A	5/16/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-35	4/ 28/20 23	(0-3")	≥0.050	<u> </u>	<0.050	_£ 0.150	_ ≤0.300	10.0	1,780	1,780	358	2,158	3,480
SW-35A	5/16/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-36	4/28/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	29.2	29.2	80
SW-3 7	<u>4/28/2</u> 023	(0-3')	0.05 0	2.05 0€	<0.05 0	0.412	0.412	38.4	3,310	3348	631	3,979	3,280
SW-37A	5/16/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-38	4/28/2023	(0-3")	∠0.05 0	0.05 0	0.20 6	1.4	1.6	43	3400	3443	687	4,130	2,400
SW-38A	5/16/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-39	4/ 28/2 023	(0-3")		0.053	0.326	2.09	2.47	66.6	3800	3867	810	4,677	2,400
SW-39A SW-40	5/16/2023 4/28/2023	(0-3') (0-3')	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 15.7	<10.0 15.7	<10.0 <10.0	<10.0 15.7	16 112
SW-41	4/28/2023	(0-3) (0-3")	<0.050 -<0.050	<0.050 -≤ 0.05 0	<0.050 	<0.150 <0.150	₹0.300 ≤ 0.30 0	10.0 10.0	15.7 156	15.7	28.4	15.7	112
SW-41A	5/16/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.9	18.9	<10.0	18.9	64
SW-41A	4/ 28/202 3	(0-3)	√0.030 —≤ 0.05 0	<0.030 <u><0.050</u>	<0.030 <0.050	<0.130 ≤ 0.15 0	<0.300 ≤0.300	<u>√10.0</u>	539		129	668	688
SW-42A	5/16/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-43	4/28/2023	(0-3')	<u>~0.050</u>	-0.050	0.050	± 0.150	± 0.300	10.0	134	134	-36	170	-240
SW-43A	5/16/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-44	4/28/2023	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1200	1200	212	1,412	4,880
SW-45	4/28/2023	(0-3')	<0.050	0.062	0.08	0.429	0.571	<10.0	495	495	109	604	3,840
SW-46	5/11/2023	(0-2')	<0.050	1.42	0.91	3.64	5.97	14.8	152	166	39.6	206.4	3,280
SW-47	5/11/2023	(0-3')	0.422	17.9	11.4	43.4	73.2	147	639	786	79.5	865.5	192
SW-48	5/11/2023	(0-3')	0.159	5.49	3.78	15.4	24.9	38.3	277	315.3	42.3	357.6	4,680
SW-49	5/11/2023	(0-3')	<0.050	0.062	<0.050	0.229	<0.300	<10.0	22.7	22.7	<10.0	22.7	6,000
SW-50	5/11/2023	(0-3')	<0.050	0.114	<0.050	0.252	0.366	<10.0	567	567	173	740	4,800
SW-51	5/11/2023	(0-3')	<0.050	0.133	0.138	0.63	0.902	<10.0	25.9	25.9	<10.0	25.9	4,480
SW-52	5/11/2023	(1-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-53	5/11/2023	(0-3')							13.5	13.5	<10.0	13.5	80
		` '	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0					
SW-54	5/11/2023	(0-4')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-55	5/11/2023	(0-4') (0-4')	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	752
SW-55 SW-56	5/11/2023 5/11/2023	(0-4') (0-4') 0-6"	<0.050 <0.050 <0.050	<0.050 <0.050 <0.050	<0.050 <0.050 <0.050	<0.150 <0.150 <0.150	<0.300 <0.300 <0.300	<10.0 <10.0 <10.0	<10.0 <10.0 <10.0	<10.0 <10.0 <10.0	<10.0 <10.0 <10.0	<10.0 <10.0 <10.0	752 128
SW-55 SW-56 SW-57	5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3'	<0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0	752 128 112
SW-55 SW-56 SW-57 SW-58	5/11/2023 5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3' 6"	<0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 12.9	<10.0 <10.0 <10.0 <10.0 12.9	<10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 12.9	752 128 112 160
SW-55 SW-56 SW-57 SW-58 SW-59	5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3' 6" 6"-1'	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 12.9 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 12.9 <10.0	752 128 112 160 80
SW-55 SW-56 SW-57 SW-58 SW-59 SW-60	5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3' 6" 6"-1'	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9	<10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0	752 128 112 160 80 112
SW-55 SW-56 SW-57 SW-58 SW-59 SW-60 SW-61	5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3' 6" 6"-1' 6"-1'	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0	752 128 112 160 80 112 128
SW-55 SW-56 SW-57 SW-58 SW-59 SW-60 SW-61 SW-62	5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3' 6"-1' 6"-1' 0-2'	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0	752 128 112 160 80 112 128 96
SW-55 SW-56 SW-57 SW-58 SW-59 SW-60 SW-61 SW-62 SW-63	5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3' 6"-1' 6"-1' 0-2' 0-2'	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0 <10.0 <10.0	752 128 112 160 80 112 128 96 64
SW-55 SW-56 SW-57 SW-58 SW-59 SW-60 SW-61 SW-62	5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023 5/11/2023	(0-4') (0-4') 0-6" 6"-3' 6"-1' 6"-1' 0-2'	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	<0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150	<0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300 <0.300	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 12.9 <10.0 18.9 <10.0 <10.0	752 128 112 160 80 112 128 96

Received by OCD: 6/15/2023 4:37:54 PM

Table 1

Summary of Soil Analytical Data - Confirmation Samples Sheba Federal Com 305H #3 Permian Resources Lea County, New Mexico

Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C35)	Chloride
	·	(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 Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC								
			10 mg/kg	-			50 mg/kg	1				100 mg/kg	600 mg/kg
SW-67	5/11/2023	6"-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-68	5/11/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-69	5/11/2023	6"-3'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48

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
 SP 1
 Sample Point Excavated
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 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

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION



Pending

Site Characterization





PLSS Second Division

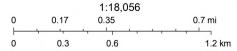


BLM, OCD, New Mexico Tech, OSE GIS, USGS, Esri, HERE, Garmin, iPC, Maxar, NM OSE, BLM

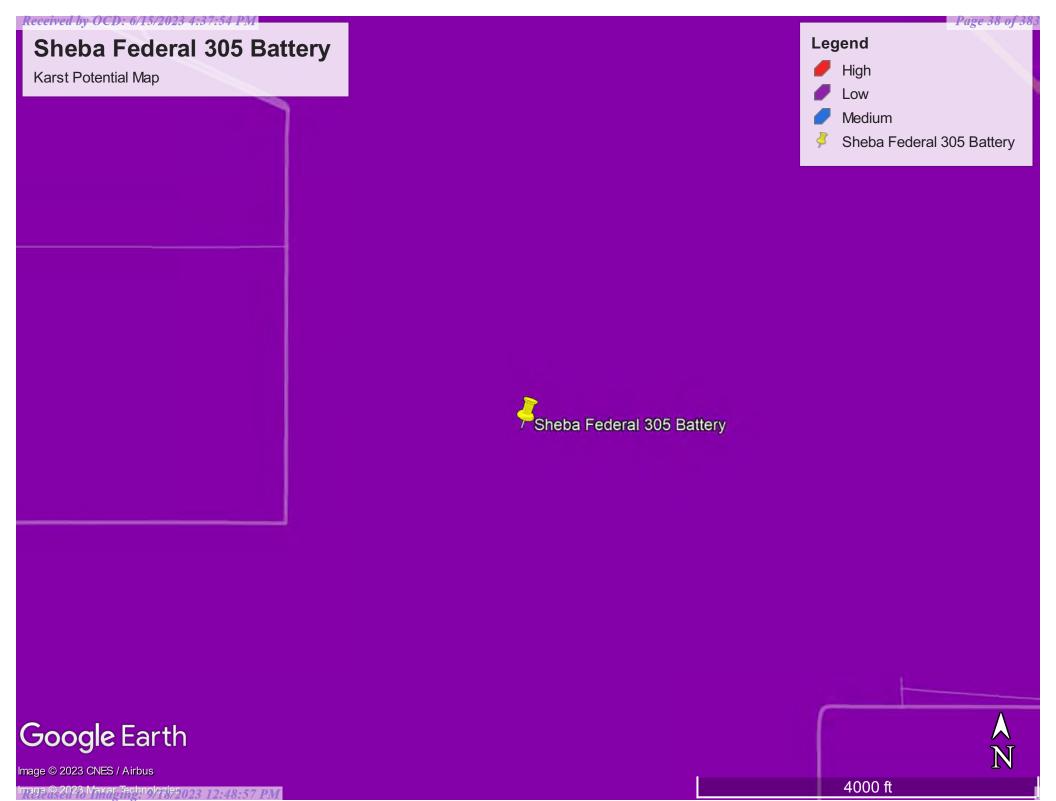
OSE POD Locations Map

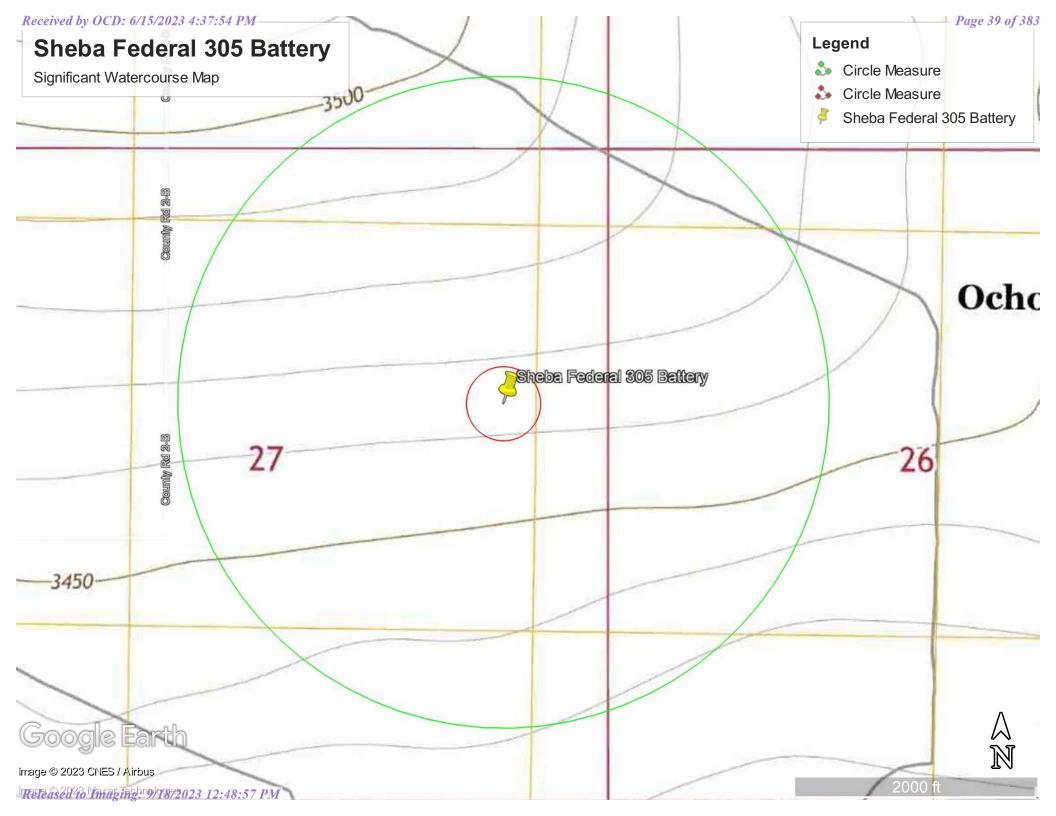






Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar





Received by OCD: 6/15/2023 4:37:54 PM



U.S. Fish and Wildlife Service

National Wetlands Inventory

Sheba Federal 305 Battery



February 10, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

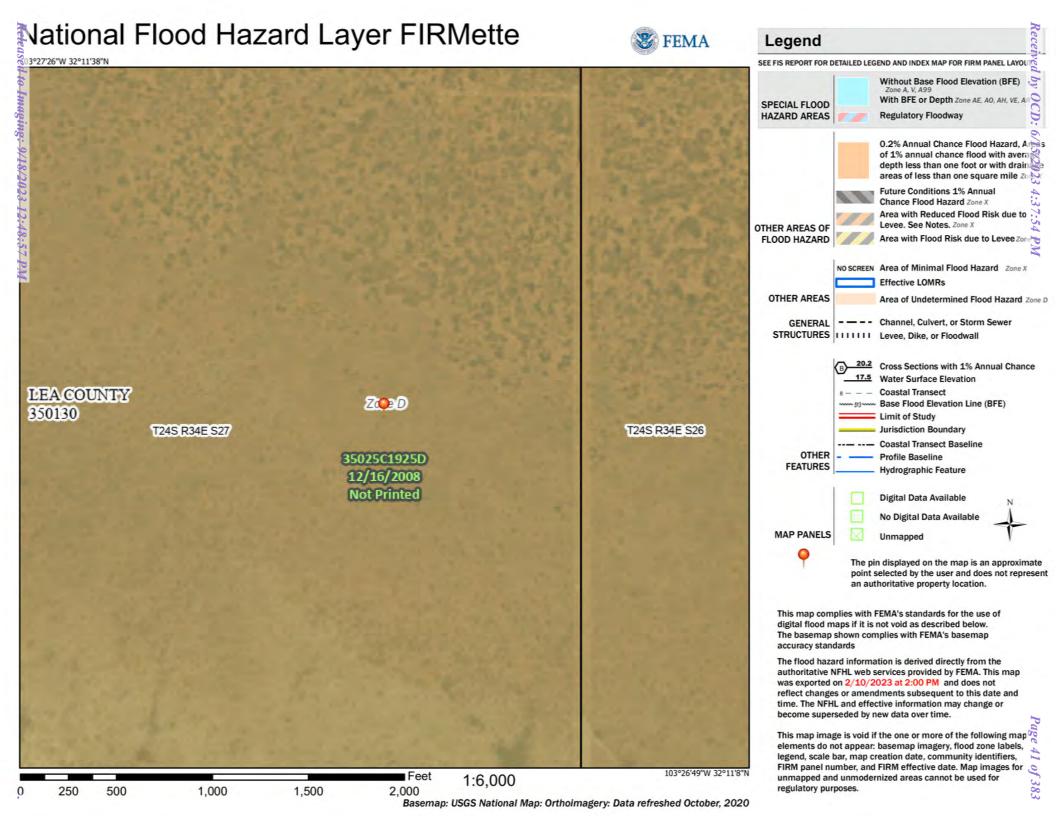
Lak

Lake Other

Freshwater Forested/Shrub Wetland

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.



ATTACHMENT B: CONFIRMATION SAMPLING NOTIFICATIONS



Becky Haskell

From: Becky Haskell

Sent: Friday, April 21, 2023 3:14 PM ocd.enviro@emnrd.nm.gov

Cc: NTG Env Carlsbad; Montgomery Floyd; Ricardo Baer **Subject:** Sampling Notification for nAPP2306851971 Sheba 27 CTB

Good afternoon,

NTGE, on behalf of Permian Resources Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Sheba 27 CTB H-22-24S-34E Lea County, NM nAPP2306851971

Sampling will begin at 8:00 a.m. on Wednesday, April 26, 2023, and continue through Friday, April 28, 2023. Please let me know if you have any questions.

Thank You,

Becky Haskell

Senior Project Manager | NTG Environmental M: 432-766-1918 | bhaskell@ntglobal.com 701 Tradewinds Blvd, Suite C Midland, TX 79706



Becky Haskell

From: Becky Haskell

Sent: Thursday, May 4, 2023 1:07 PM ocd.enviro@emnrd.nm.gov

Cc: NTG Env Carlsbad; Montgomery Floyd; Ricardo Baer **Subject:** Sampling Notification for nAPP2306851971 Sheba 27 CTB

Good afternoon,

NTGE, on behalf of Permian Resources Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Sheba 27 CTB H-22-24S-34E Lea County, NM nAPP2306851971

Sampling will begin at 8:00 a.m. on Tuesday, May 9, 2023, and continue through Friday, May 12, 2023. Please let me know if you have any questions.

Thank You,

Becky Haskell

Senior Project Manager | NTG Environmental M: 432-766-1918 | bhaskell@ntglobal.com 701 Tradewinds Blvd, Suite C Midland, TX 79706



Becky Haskell

From: Ricardo Baer

Sent: Friday, May 19, 2023 2:55 PM ocd.enviro@emnrd.nm.gov

Cc: Becky Haskell **Subject:** Sheba 27 CTB

Good afternoon,

NTGE, on behalf of Permian Resources Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Sheba 27 CTB H-22-24S-34E Lea County, NM nAPP2306851971

Sampling will begin at 8:00 a.m. on Wednesday, May 24, 2023, and continue through Friday, May 26, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO² Project Scientist (432) 556-2006 Rbaer@ntglobal.com



ATTACHMENT C: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

Permian Resources Sheba Fed Com 27 CTB

Photograph No. 1

Facility: Sheba Fed Com 27 CTB

County: Lea County, New Mexico

Description:

Area of excavation.



Photograph No. 2

Facility: Sheba Fed Com 27 CTB

County: Lea County, New Mexico

Description:

Area of excavation.



Photograph No. 3

Facility:

Sheba Fed Com 27 CTB

County: Lea County, New Mexico

Description:

Area of excavation.



PHOTOGRAPHIC LOG

Permian Resources Sheba Fed Com 27 CTB

Photograph No. 4

Facility: Sheba Fed Com 27 CTB

County: Lea County, New Mexico

Description:

Area of excavation.



Photograph No. 5

Facility: Sheba Fed Com 27 CTB

County: Lea County, New Mexico

Description:

Area of excavation.



Photograph No. 6

Facility: Sheba Fed Com 27 CTB

County: Lea County, New Mexico

Description:

Area of excavation.



ATTACHMENT D: LABORATORY ANALYTICAL REPORTS AND CHAIN-OFCUSTODY DOCUMENATION





May 04, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SHEBA #3

Enclosed are the results of analyses for samples received by the laboratory on 05/01/23 15:31.

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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023 Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 1 (4') (H232122-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 2 (4') (H232122-02)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 3 (4') (H232122-03)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	65.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.1	% 49.1-14	8						

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Celey D. Keine



04/26/2023

Soil

Analytical Results For:

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

Received: 05/01/2023 Sampling Date:
Reported: 05/04/2023 Sampling Type:

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 4 (4') (H232122-04)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	50.4	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	18						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 5 (4') (H232122-05)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	64.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 6 (4') (H232122-06)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	32.8	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	67.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 7 (4') (H232122-07)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 8 (4') (H232122-08)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Sampling Date: 04/26/2023 Sampling Type: Soil

Reported: 05/04/2023 Project Name: SHEBA #3 Project Number: 237274

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 9 (4') (H232122-09)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	68.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 10 (4') (H232122-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	12.8	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	73.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 11 (4') (H232122-11)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	580	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	111	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	72.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 12 (4') (H232122-12)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	66.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 13 (4') (H232122-13)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Sampling Date:

04/26/2023

Reported: Project Name: 05/04/2023 SHEBA #3

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

237274

Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 14 (4') (H232122-14)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	56.9	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 15 (4') (H232122-15)

BTEX 8021B

	9/	9	71.14.1, = 0	/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	0.165	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	0.094	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	0.364	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	0.622	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	23.4	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	67.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 16 (4') (H232122-16)

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	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	27.5	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	70.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 17 (4') (H232122-17)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.99	99.5	2.00	6.88	
Toluene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	7.13	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.01	100	2.00	7.22	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.17	103	6.00	7.06	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 18 (4') (H232122-18)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	66.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 19 (4') (H232122-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/02/2023	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	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	81.6	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	30.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	54.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.2	% 49.1-14	8						

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Analytical Results For:

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

Received:

05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237274

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 20 (4') (H232122-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/03/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	183	91.7	200	5.92	
DRO >C10-C28*	1930	10.0	05/02/2023	ND	175	87.3	200	0.958	
EXT DRO >C28-C36	367	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	68.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Sampling Date:

04/26/2023

Reported: Project Name:

Received:

05/01/2023 05/04/2023 SHEBA #3

Sampling Type:

Soil Cool & Intact

Project Number:

237274

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 21 (4') (H232122-21)

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	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	< 0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	552	10.0	05/02/2023	ND	169	84.7	200	1.49	QM-07
EXT DRO >C28-C36	119	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	71.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 22 (4') (H232122-22)

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	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	56.1	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	15.7	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 23 (4') (H232122-23)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	16.6	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/26/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 24 (4') (H232122-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	61.9	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	69.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

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04/26/2023

Analytical Results For:

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

Sampling Date:

Received: 05/01/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 25 (4') (H232122-25)

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	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	71.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 26 (4') (H232122-26)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	42.7	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

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Analytical Results For:

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

Fax

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 27 (4') (H232122-27)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 28 (4') (H232122-28)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	63.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 29 (4') (H232122-29)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Celey D. Keene



04/27/2023

Analytical Results For:

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

05/01/2023 Sampling Date:

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 30 (4') (H232122-30)

Received:

BTEX 8021B

DIEX GOZID	11197	K9	Alldiyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Sampling Date:

04/27/2023

Reported: Project Name: 05/04/2023 SHEBA #3

Sampling Type: Sampling Condition:

Cool & Intact

Soil

Project Number:

237274

Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 31 (4') (H232122-31)

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	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	67.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 32 (4') (H232122-32)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	27.5	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	66.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.6	% 49.1-14	18						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 33 (4') (H232122-33)

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	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	125	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	26.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 34 (4') (H232122-34)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Sampling Date:

04/27/2023

Reported: Project Name: 05/04/2023 SHEBA #3

Sampling Type:

Soil Cool & Intact

Project Number:

237274

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 35 (4') (H232122-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	26.2	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	73.6	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	18						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 36 (4') (H232122-36)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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04/27/2023

Soil

Analytical Results For:

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

Sampling Date:

Received: 05/01/2023

Reported: 05/04/2023 Sampling Type:

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 37 (4') (H232122-37)

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	05/02/2023	ND	1.89	94.6	2.00	3.83	
Toluene*	<0.050	0.050	05/02/2023	ND	1.99	99.6	2.00	3.03	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.00	99.8	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.08	101	6.00	2.61	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	371	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	94.7	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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04/27/2023

Soil

Analytical Results For:

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

Received: 05/01/2023 Sampling Date:

Reported: 05/04/2023 Sampling Type: Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 38 (4') (H232122-38)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	05/02/2023	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	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	191	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	52.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	73.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 39 (4') (H232122-39)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	67.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.7	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 40 (4') (H232122-40)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	179	89.5	200	1.08	
DRO >C10-C28*	230	10.0	05/02/2023	ND	169	84.7	200	1.49	
EXT DRO >C28-C36	46.5	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	68.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 41 (4') (H232122-41)

BTEX 8021B

DIEX OUZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	52.2	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 42 (4') (H232122-42)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	0.076	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	0.564	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	0.640	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	05/02/2023	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*	17.3	10.0	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	986	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	163	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 43 (4') (H232122-43)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	05/02/2023	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	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	419	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	74.8	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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04/27/2023

Analytical Results For:

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

Sampling Date:

Received: 05/01/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 44 (4') (H232122-44)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	0.052	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	0.415	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	0.467	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	05/02/2023	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*	13.8	10.0	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	743	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	131	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 45 (4') (H232122-45)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/02/2023	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	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	27.4	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	10.6	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 46 (4') (H232122-46)

BTEX 8021B

DILX GOZID	ilig/	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 47 (4') (H232122-47)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 48 (3-4') (H232122-48)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/02/2023	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	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 49 (3-4') (H232122-49)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/02/2023	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	05/02/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	72.6	10.0	05/02/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	17.4	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 50 (3-4') (H232122-50)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/02/2023	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	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 51 (3') (H232122-51)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/02/2023	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	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	100	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	24.4	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	60.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 52 (3') (H232122-52)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 53 (3') (H232122-53)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	781	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	154	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	63.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 54 (3') (H232122-54)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	73.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 55 (3') (H232122-55)

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	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	< 0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/02/2023	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	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	75.5	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	15.4	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	83.8 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 56 (3') (H232122-56)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 57 (3') (H232122-57)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.94	97.0	2.00	0.296	
Toluene*	<0.050	0.050	05/02/2023	ND	2.12	106	2.00	2.07	
Ethylbenzene*	< 0.050	0.050	05/02/2023	ND	2.20	110	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.47	108	6.00	3.53	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	86.7	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	18.2	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 59 (3') (H232122-58)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	15.1	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 60 (3') (H232122-59)

BTEX 8021B

	9,	9	7	7: 5::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	17.6	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 61 (3') (H232122-60)

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	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/02/2023	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	05/03/2023	ND	168	83.8	200	1.23	
DRO >C10-C28*	37.8	10.0	05/03/2023	ND	170	85.2	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 62 (3') (H232122-61)

BTEX 8021B

	9/	9	7	7: 5::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	< 0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	< 0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	11.3	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	10.1	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 63 (3') (H232122-62)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/02/2023	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	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	140	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	50.8	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	71.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 64 (3') (H232122-63)

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	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	11.7	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 65 (3') (H232122-64)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	11.6	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 66 (3') (H232122-65)

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	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	32.2	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	14.5	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 67 (3') (H232122-66)

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	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	13.2	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 68 (3') (H232122-67)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	17.7	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	11.5	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 69 (3') (H232122-68)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	13.1	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 70 (3') (H232122-69)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	21.6	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Sampling Date:

04/27/2023

Soil

Reported: 05/04/2023 Project Name: SHEBA #3

Sampling Type: Sampling Condition:

Cool & Intact

Project Number: 237274

Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 71 (3') (H232122-70)

BTEX 8021B	mg/kg Analyzed By: JH/			d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	14						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.6	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	174	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	37.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	18						

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Analytical Results For:

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

Sampling Date:

04/27/2023

Reported: Project Name: 05/01/2023 05/04/2023 SHEBA #3

Sampling Type:

Soil Cool & Intact

Project Number:

Received:

237274

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 72 (3') (H232122-71)

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	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	16.2	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	10.5	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 73 (3') (H232122-72)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	28.0	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	10.3	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237274

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 74 (3') (H232122-73)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	14.2	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	10.1	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 75 (3') (H232122-74)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	10.6	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 76 (3') (H232122-75)

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	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	11.0	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Reported: 05/04/2023
Project Name: SHEBA #3
Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sampling Date: 04/27/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 77 (3') (H232122-76)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	103	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	22.6	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 78 (3') (H232122-77)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.6	2.00	3.42	
Toluene*	<0.050	0.050	05/03/2023	ND	1.90	94.8	2.00	2.64	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.5	2.00	3.13	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.70	95.0	6.00	3.33	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	22.8	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 79 (3') (H232122-78)

BTEX 8021B

	9/	9	7.1.4.7.2	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/02/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	13.7	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 80 (3') (H232122-79)

BTEX 8021B

DILX GOZID	iiig/	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/02/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	31.9	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	18.3	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Fax

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 81 (3') (H232122-80)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	171	85.5	200	0.595	
DRO >C10-C28*	69.7	10.0	05/02/2023	ND	187	93.4	200	0.164	
EXT DRO >C28-C36	26.1	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 82 (3') (H232122-81)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023

Sampling Date:

04/27/2023

Reported: Project Name: 05/04/2023 SHEBA #3

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

237274

Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 83 (3') (H232122-82)

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	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	313	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	61.2	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 84 (3') (H232122-83)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	12.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 85 (3') (H232122-84)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300 0.300		05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	255	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	60.3	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Гах

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 86 (3') (H232122-85)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 87 (3') (H232122-86)

RTFY 8021R

B1EX 8021B	mg/	ку	Allalyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	STEX <0.300 0.300		05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	86.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	108 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Fax

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 88 (3') (H232122-87)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	rrogate: 4-Bromofluorobenzene (PID 97.0 % 71.5-		4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	0						

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Analytical Results For:

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

Analyzed By: JH

Received: 05/01/2023

Sampling Date: 04/27/2023

Reported: 05/04/2023 Project Name: SHEBA #3 Sampling Type: Soil

Project Name: SHEBA #
Project Number: 237274

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 89 (3') (H232122-88)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Analytical Results For:

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

Fax

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 90 (3') (H232122-89)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 91 (3') (H232122-90)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

Chain of Custody

Work Order No: <u>H232122</u>

Project Manager:	Beck	y Haskell	V			Bill to:	(if differe	nt)	Mon	tgome	ery Flo	yd						Work	Order	Comments
Company Name:	NTG	Environm	nental			Compa	ny Name	9:	Perr	nian F	Resour	ces				Program	· LIST/P			
Address:	701 7	Tradewind	ls Blvd.			Addres	s:						te 1000	0		State of		o□ 11		Brownfie s R(□: Supe
City, State ZIP:	Midla	and TX, 79	9701			City, St	ate ZIP:				X,7970					Reporting		7 Leve	П	PST/U() TR[P Le]
Phone:	432-7	766-1918			Email				100000		4,070									
Project Name:			Sheba #3		Tur	n Around							A	NALYS	IS RE	QUEST	7			Preservative Codes
Project Number:			237274	✓ Routine	Rus	h	Pres. Code									T		T		
Project Location		Lea C	237274 Lea Co, New Mexico Kenny Han												+		++		+	1
Sampler's Name:		K	o, New Mexico		TAT starts the	day receiv	ed by the			MRO)			- 1							
PO #:			35000	lew Mexico y Han looo lank: Yes No No Thermome N/A Correction	lab, if rece	ived by 4:3	30pm	g)		+					1		1 1			
SAMPLE RECEI	PT	Ten	p Blank:	Yes No	Wet Ice:	Fes) No	Parameters	m	DRO	4500						ADaPT O			
Received Intact:		Ye	s No	Thermom	eter ID:			ram	BTEX 8021B	+							1 1		9	7
cooler Custody Seals	_	Yes	No (N/A)	Correction	Factor:	-0.	6°C	Ъ	EX	GRO	Chloride						1 1		로	
ample Custody Sea	is:	Yes	No N/A	Temperat	ure Reading:	-5			E .	SM (5						1 1			Zn Acetate+NaOH: Zn
otal Containers:			166	Corrected	Temperature:	-5.	9 Grab/			8015M							1 1			NaOH+Ascorbic Acid: SAPC
Sample Iden	tificati	on	mp Blank: Yes No No Thermometer No N/A Correction Fac	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample Comments	
CS-1 ((4')		4/26/2023		х		Comp	1	х	х	х									
CS-2 ((4')		4/26/2023		х		Comp	1	x	х	x									
CS-3 (4')		4/26/2023		х		Comp	1	х	x	x							+	+	
CS-4 (4')		4/26/2023		X		Comp	1	x	x	x		+		_			_	-	
CS-5 (4')		4/26/2023		- X		Comp	1	x	x	x	\neg	_	+				-	-	
CS-6 (4')		4/26/2023		x		Comp	1	х	×	x	\rightarrow	_	_	+			-	-	
CS-7 (4')		4/26/2023		x		Comp	1	х	x	x	-	-	_	+		-	-	-	
CS-8 (4')		4/26/2023		x		Comp	1	х	х	x	-	-	+	+			-	-	
CS-9 (4')		4/26/2023		x		Comp	1	X	x	x	-	+	+	+			-		
CS-10 ((4')		4/26/2023		X		Comp	-	X	x	x	-	_	_	1			-		

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Relinquished by: (Signatu	re) Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
3	Mulara Mass	51/183 1531	2		
5			6		

Released to Imaging: 9/18/2023 12:48:57 PM

Project Manager:	Becky I	Haskell				Bill to:	(if differe	nt)	Mon	tgome	ery Flo	yd							W	ork C	Order	Page2 of17_ Comments
Company Name:	NTG E	nvironme	ental			Compa	ny Name	:			Resou					Proc	gram:	UST/I				Brownfie s R Supe
Address:	701 Tra	dewinds	Blvd.			Addres	s:		300	N. Ma	rienfe	ld, Suit	e 1000				e of Pr		_			nowinie_b ix[_b Supe
City, State ZIP:	Midland	TX, 797	701			City, St	ate ZIP:				X.797						orting:L			Level	П	PST/U(TR□ L€
Phone:	432-766	6-1918			Email:						.,											
Project Name:		S	heba #3		Turi	n Around							Al	NALYS	IS RE	OUES	Т					Proconvative Codes
Project Number:		2	237274		✓ Routine	Rus	h	Pres. Code							T	1					Т	
Project Location		Lea Co.	, New Mexic	0	Due Date:		-															
Sampler's Name:				day receiv	ed by the			00														
PO #:			TA TA TA 35000 Temp Blank: Yes No N	lab, if rece	eived by 4:3	80pm	2		+													
SAMPLE RECEI	PT	Temp	Blank:	Yes No) Wet Ice:	Yes	No	eter	<u>m</u>	ORO ORO	00	ANALYSIS REQUEST Preservative Cod None: NO DI Wate Cool: Cool MeOH: HCL: HC HNO ₃ : H H ₂ SO ₄ : H ₂ NaOH: I H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn										
Received Intact:		Yes		Thermom	eter ID:	1/3	3	ran	BTEX 8021B 8015M (GRO + DRO Chloride 4500										9			
Cooler Custody Seal			-	-		-0.	6c	b Cout BTEX 8021	TEX	GR	loric									×	로	
Sample Custody Sea	ils:						3		₩ S	5											Zn Acetate+NaOH: Zn	
Total Containers:		1	166	Corrected	Temperature:	-5.	Grab/ # of Comp Cont	180												NaOH+Ascorbic Acid: SAPC		
	CEIPT Temp Blank: Yes No Wet Ice: Yes No Wet Ice: Yes No Thermometer ID: 1/3	Sample Comments																				
CS-11	(4')		4/26/2023		х		Comp	1	х	x	х											
CS-12	(4')		4/26/2023		X		Comp	1	X	x	х											
CS-13	(4')		4/26/2023		х		Comp	1	х	x	х	- 1										
CS-14	(4')		4/26/2023		х		Comp	1	x	х	x											
CS-15	Number: 237274																					
CS-16	(4')		Sheba #3 Turn Around Pres. Code Sample Comments Sheba #3 Turn Around Pres. Code Sample Comments Sheba #3 Turn Around Pres. Code Sample Comments Sheba #3 Turn Around Pres. Sheba #3 Turn Around Pres. Code Sample Code Sample Comments Sheba #3 Turn Around Pres. Code Sample Code Sam																			
CS-17	(4')		4/26/2023		х		Comp	1	x	х	х											
CS-18	(4')		4/26/2023		х		Comp	1	X	х	х			\top								
CS-19	(4')		4/26/2023		х		Comp	1	х	х	x											
CS-20	(4')		4/26/2023		x		Comp	1	х	×	х											
Additio	nal Com	ments:																				

CS-13 (4') CS-14 (4') CS-15 (4') CS-16 (4')	4/26/2023 4/26/2023 4/26/2023	x x	Comp	1	х	x	x			+		-	-	-	+				
CS-15 (4')		x					^				1 1	- 1	- 1	- 1					
	4/26/2023		Comp	1	x	х	x												
CS-16 (4')	4/20/2023	x	Comp	1	x	х	x							1					
	4/26/2023	x	Comp	1	x	х	х							1					
CS-17 (4')	4/26/2023	x	Comp	1	x	х	x			1			\rightarrow	+					_
CS-18 (4')	4/26/2023	x	Comp	1	x	х	x												
CS-19 (4')	4/26/2023	x	Comp	1	х	х	x		1			\neg					_		
CS-20 (4')	4/26/2023	x	Comp	1	х	×	x					\rightarrow	_				2		
Additional Commer otice: Signature of this document and reli service. Xenco will be liable only for the Xenco. A minimum charge of \$85.00 will	inquishment of samples const	assume any responsibil	lity for any losens or	AVNANCA	e Incurre	of her the	allant H	augh lane		- 6 T				ns rol				-	
Relinquished by: (Signature)	Receiv	ved by: (Signature	11.		Date/T	ime		Relino	uished	by: (S	ignatur	e)	Re	ceived	by: (Sig	gnature)	Date/	ime
	Jouran	addida	Bes	5/16	3	15	31 2				1:1	-							
							6					\neg					\rightarrow		

Released to Imaging: 9/18/2023 12:48:57 PM

Chain of Custody

Work Order No: 123212

Project Manager:	Becky Haskell					Bill to: (if different			Montgomery Floyd								Work Order Comments								
Company Name:	NTG Environmental				Company Name:			Permian Resources								Program: UST/PS PR Brownfie S R Supe									
Address:	701 Tra	adewinds	s Blvd.			Address:			300 N. Marienfeld, Suite 1000								State of Project:								
City, State ZIP:	Midland	TX, 79	701			City, State ZIP:			Midland TX,79701							Reporting:Level Level PST/UT TRP L									
Phone:	432-76	6-1918			Email:												eliver	ables:	EDD		ADa	PT Othe	r.		
Project Name:		S	heba #3		Turr	Around								ANAL	YSIS F	REQUE	ST				Preservative Codes				
Project Number:	237274			✓ Routine	Rush		Pres. Code														None: NO	DI Wat	er: H ₂ O		
Project Location	Lea Co, New Mexico		0	Due Date:	ue Date:												-1-			Cool: Cool	MeOH:	Me			
Sampler's Name:	Kenny Han				e day received by the				MRO)											HCL: HC	HCL: HC HNO3: HN				
PO #:	35000			lab, if rece		eived by 4:30pm			+										H ₂ S0 ₄ : H ₂	NaOH: Na	Na				
		p Blank:			Wet Ice: Yes No		nete	8	DRO	200									H ₃ PO ₄ : HP						
Received Intact:		s) No	Thermom	eter ID:	1/3		arar	8021B	0	Chloride 4500									НОГР	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC					
Cooler Custody Seals: Yes		No (N/A)	Correction	Factor:	-0.6c		4	ВТЕХ	8015M (GRO										¥						
Sample Custody Seals: Yes		No NA		ure Reading:	-5-3			"																	
Total Containers: 166		166	Corrected	Temperature:	-5.9				180																
Sample Identification		n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH												Sample	Commer	nts	
CS-21	(4')		4/26/2023		х		Comp	1	х	х	x														
CS-22 (4')			4/26/2023		х		Comp	1	х	х	х														
CS-23 (4')		4/26/2023		х	9-5-5	Comp	1	×	X	х															
CS-24 (4')		4/26/2023		x		Comp	1	X	х	x					1										
CS-25 (4')			4/26/2023		x	1	Comp	1	х	Х	x														
CS-26 (4')			4/27/2023		х		Comp	1	х	X	х														
CS-27	(4')		4/27/2023		х		Comp	1	х	х	х														
CS-28 (4')			4/27/2023		Х		Comp	1	x	X	х														
CS-29	(4')		4/27/2023		х		Comp	1	x	Х	х			1 1											
CS-30	(4')		4/27/2023		х		Comp	1	х	х	х														
Additio	onal Co	mmonts																							

CS-21 (4')	4/26/2023	X	Comp	1	X	X	X	_											
CS-22 (4')	4/26/2023	x	Comp	1	х	х	х												
CS-23 (4')	4/26/2023	×	Comp	1	×	х	х												
CS-24 (4')	4/26/2023	x	Comp	1	x	х	х												
CS-25 (4')	4/26/2023	x	Comp	1	х	х	х												
CS-26 (4')	4/27/2023	x	Comp	1	х	х	х												
CS-27 (4')	4/27/2023	x	Comp	1	х	х	х												
CS-28 (4')	4/27/2023	x	Comp	1	х	х	х												
CS-29 (4')	4/27/2023	x	Comp	1	х	Х	х			1									
CS-30 (4')	4/27/2023	Х .	Comp	1	X	х	х					- 1							
Additional Commer	270																		
Notice: Signature of this document and reli of service. Xenco will be liable only for the of Xenco. A minimum charge of \$85.00 will	cost of samples and shall no l be applied to each project an	t assume any responsibility d a charge of \$5 for each sa	for any losses or	r expense to Xenco,	s incurre but not	ed by the analyze	e client it	such los terms wi	ses are o	lue to cir	cumstandess previo	ces beyo	nd the coordinated.	ontrol					
of service. Xenco will be liable only for the	cost of samples and shall no l be applied to each project an	assume any responsibility	for any losses or	expense to Xenco,	but not a	analyzed	e client it d. These	such los terms wi	ses are o	lue to cir	cumstand	ces beyo	nd the coordinated.		by: (S	ignatur	re)	Date	/Time
of service. Xenco will be liable only for the of Xenco. A minimum charge of \$85.00 will	cost of samples and shall no l be applied to each project an	t assume any responsibility d a charge of \$5 for each sa	for any losses or imple submitted t	expense to Xenco,	s incurre but not	analyzed	e client it d. These	such los terms wi	ses are o	lue to cir	cumstandess previo	ces beyo	nd the coordinated.	ontrol	d by: (S	ignatur	re)	Date	/Time
of service. Xenco will be liable only for the of Xenco. A minimum charge of \$85.00 will	cost of samples and shall no l be applied to each project an	t assume any responsibility d a charge of \$5 for each sa	for any losses or imple submitted t	expense to Xenco,	but not a	analyzed	e client it d. These	such los terms wi	ses are o	lue to cir	cumstandess previo	ces beyo	nd the coordinated.	ontrol	d by: (S	ignatur	re)	Date	Time

/2023

Project Location Sampler's Name: 8015M (GRO + DRO + SAMPLE RECEIPT 4500 BTEX 8021B Received Intact: Yes No Thermometer ID: NaHSO4: NABIS Chloride Cooler Custody Seals: Yes No N/A Correction Factor: Na₂S₂O₃: NaSO₃ Sample Custody Seals: Yes No Temperature Reading: Zn Acetate+NaOH: Zn Total Containers: 166 Corrected Temperature: -5.9: NaOH+Ascorbic Acid: SAPC Ē Grab/ # of Sample Identification Date Time Soil Water Sample Comments Cont Comp CS-31 (4') 4/27/2023 Comp X 1 X X X CS-32 (4') 4/27/2023 Comp 1 X X X X CS-33 (4') 4/27/2023 X Comp 1 X X X CS-34 (4') 4/27/2023 Comp 1 X X X X CS-35 (4') 4/27/2023 X Comp X X X CS-36 (4') 4/27/2023 X Comp 1 X X X CS-37 (4') 4/27/2023 X Comp X X X CS-38 (4') 4/27/2023 X 1 Comp X X X CS-39 (4') 4/27/2023 X Comp X X X CS-40 (4')

Additional Comments:

4/27/2023

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X

Comp

1

X X X

		applied to each project and a charge of \$5 for each sample submitte				
Š	Relinquished by: (Signature)	/ Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
l by	1 41111	DUUGRA WARTON	61.23 1531	2		
vea	3	Service (Service)		4		
ecei	5			6		

/2023

OCD:

Received by

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Will	Muara Vlda BAC	5/123 1531	2		
3			4		
5			6		

Chain of Custody

Vork Order No:	4232122	3 of
	, , ,	8
		age (

Project Manager: Becky Haskell					Bill to: (if different)			t) Montgomery Floyd								Work Order Comments						
Company Name:	NTG Envir	onmental			Compa	any Name	e:	Perr	nian F	Resou	irces					Progra	m: US				Brownfie s R	Supe
Address:	701 Tradev	winds Blvd.			Addres	s:		300	N. Ma	arienfe	eld, Si	uite 10	000			State o						oupe
City, State ZIP:	Midland TX	(, 79701			City, S	tate ZIP:			and T						_	Reporting:Level Devel PST/UT TRD Le						
Phone:	432-766-19	918		Email											_	Delivera			_		aPT□ Other:	
Project Name:		Sheba #3		Tur	n Around	1							ANAL	YSIS	REQU	JEST					Preservative Coo	dos
Project Number:		237274		Routine	Rus	sh	Pres. Code				T	T					T	T		T		ter: H ₂ O
Project Location	Le	a Co, New Mexic	00	Due Date:													\top		+	+		
Sampler's Name:		Kenny Han		TAT starts the					MRO)												Cool: Cool MeOH: HCL: HC HNO ₃ :	
PO #:		35000	_	lab, if rece	eived by 4:	30pm	9		+		1										H ₂ SO ₄ : H ₂ NaOH:	
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	nete	<u>m</u>	DRO	4500											H ₂ PO ₄ : HP	144
Received Intact:	Yes No		Thermom	eter ID:	11	3	aran	8021B	+		1							1	1	9	NaHSO ₄ : NABIS	
Cooler Custody Seal		es No N/A	Correction	TO A PROPERTY OF	-0.0	e	a	ВТЕХ	(GRO	Chloride										HOLD	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea Total Containers:	S: Yes No N/A			ture Reading:	-59:			m	8015M	5											Zn Acetate+NaOH: Zn	
Total Containers:	166		Corrected	Temperature:	-5	92			1 80												NaOH+Ascorbic Acid: SA	PC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		14T												Sample Commen	its
CS-51	(3')	4/27/2023		X		Comp	1	x	х	x							1	+	+	1		
CS-52	(3')	4/27/2023		х		Comp	1	X	х	x							+	+	+			
CS-53	(3')	4/27/2023		х		Comp	1	×	x	X					\neg			+	+			
CS-54	(3')	4/27/2023		Х	-	Comp	1	х	X	х					\neg	_	+	+		1		
CS-55	(3')	4/27/2023		х		Comp	1	x	х	x							+	1	+			
CS-56	(3')	4/27/2023		х		Comp	1	x	х	x					1	_	+	+	+	+		
CS-57	(3')	4/27/2023		X		Comp	1	х	х	x				\neg	\dashv		+	+	+	\vdash		
CS-59	(3')	4/27/2023		х		Comp	1	х	х	х				\dashv	\rightarrow	_	+	+	_	+		
CS-60	(3')	4/27/2023		х		Comp	1	х	х	х					-	_	+	+	+	+		_
CS-61	(3')	4/27/2023		x		Comp	1	х	х	x					1	+	+	+	1		-	\dashv
Additio	nal Commo	nto.															_		-	_		

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3	Relinguished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
ea vy	PENNE	Sunara Walaste	5/123 1531	2		
ecen	i			6		

Chain of Custody

Work Order No: <u>H232123</u> 66 96 00 101

Project Manager: Becky Haskell Bill to: (if different) Montgomery Floyd **Work Order Comments** Company Name: NTG Environmental Company Name: Permian Resources Program: UST/PS PR Brownfiel s RIT: Supe State of Project: Address: 701 Tradewinds Blvd. Address: 300 N. Marienfeld, Suite 1000 Reporting:Level ☐ Level ☐ PST/U\$ Le TRP City, State ZIP: Midland TX, 79701 City, State ZIP: Midland TX,79701 Deliverables: EDD ADaPT Other: Phone: 432-766-1918 Email: Project Name: Sheba #3 **ANALYSIS REQUEST** Turn Around **Preservative Codes** Pres. ✓ Routine Rush 237274 Project Number: None: NO DI Water: H₂O Code Lea Co. New Mexico Due Date: Project Location Cool: Cool MeOH: Me + MRO) Sampler's Name: Kenny Han TAT starts the day received by the HCL: HC HNO3: HN lab, if received by 4:30pm PO #: 35000 H₂SO₄: H₂ NaOH: Na 8015M (GRO + DRO SAMPLE RECEIPT Yes No 4500 Temp Blank: Wet Ice **BTEX 8021B** HaPOA: HP Received Intact: (Yes) No Thermometer ID: NaHSO₄: NABIS Chloride Cooler Custody Seals: Yes No (N/A Correction Factor: Na₂S₂O₃: NaSO₃ Temperature Reading: Sample Custody Seals: Yes No N/A Zn Acetate+NaOH: Zn Total Containers: 166 Corrected Temperature: NaOH+Ascorbic Acid: SAPC FPH Grab/ # of Sample Identification Date Soil Water Time Sample Comments Cont Comp CS-62 (3') 4/27/2023 1 X Comp X Х X CS-63 (3') 4/27/2023 X Comp 1 X X X CS-64 (3') 4/27/2023 X Comp 1 X X X CS-65 (3') 4/27/2023 X Comp 1 X X X CS-66 (3') 4/27/2023 X Comp X X X CS-67 (3') 4/27/2023 X Comp X X X CS-68 (3') 4/27/2023 X Comp 1 X X X CS-69 (3') 4/27/2023 X Comp X X X CS-70 (3') 4/27/2023 X Comp 1 X X X CS-71 (3') 4/27/2023 X Comp X X X Additional Comments:

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W	ork Ord	er Comn	nents				
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Project Manager:	Becky H	askell			Bill to	(if differe	nt)	Mor	ntgom	on, El	oud									A. Gue		
Company Name:	NTG En	vironmental			000000	any Name		1	_		-			_	\dashv							Comments
Address:		dewinds Blvd.			Addres	-	J.		mian I			uite 10	100	-	\dashv		ram:		_	PR	_ E	Brownfie s R Supe
City, State ZIP:	Midland	TX, 79701				tate ZIP:			land T			nte 10	000		\dashv	1						POT
Phone:	432-766-			Email		OLO ZII .		Iviidi	anu i	A,/9/	UI				\dashv		orting:		_	Levei		PST/U{] TR[] Le[aP1□ Other:
Project Name:		Sheba #3		Tur	n Around								ANIAI	VOIC	DEC			-			ADa	
Project Number:		237274		✓ Routine	Rus		Pres.		T	T	T	Т	ANA	1515	REG	UEST						Preservative Codes
Project Location		Lea Co, New Mexic	20	Due Date:			Code		1	+	+										-	None: NO DI Water: H ₂ O
Sampler's Name:		Kenny Han		TAT starts the	day receiv	ed by the			6						1 1							Cool: Cool MeOH: Me
O#.		35000		lab, if rece	eived by 4:3	30pm		1	MRO)													HCL: HC HNO ₃ : HN
SAMPLE RECEI	PT	Temp Blank:	Yes No) Wet Ice:	Yes) No	ater	m	DRO	9												H ₂ S0 ₄ : H ₂ NaOH: Na
leceived Intact:		(Yes) No	Thermom			3	Paramete	8021B	+	4500				1								H₃PO₄: HP
cooler Custody Seals	s:	Yes No NA	Correction	Factor:	1	6°	Pai	E S	GRO	Chloride											HOLD	NaHSO ₄ : NABIS
ample Custody Sea	ils:	Yes No N/A	Temperat	ure Reading:	5:			E E	5M (CHIC					-					١.,	Ι.	Na ₂ S ₂ O ₃ : NaSO ₃
otal Containers:	- 1	166	Corrected	Temperature:	5.	95			801	1711												Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Sample Iden	- Controller		Soil	Water	Grab/ Comp	# of Cont		TPH													Sample Comments	
CS-72	(3')	4/27/2023		X		Comp	1	x	x	x				-		\rightarrow	-	-	-	-	_	Lethin Committee
CS-73	(3')	4/27/2023		х		Comp	1	x	x	x		-				\rightarrow	-	-	-	-		
CS-74	(3')	4/27/2023	-	х		Comp	1	x	×	X						-	-		-	-		
CS-75	(3')	4/27/2023		x		Comp	1	x	X	x				-	-	-	\rightarrow	-	-	-		
CS-76	(3')	4/27/2023		x		Comp	1	X	x	X				-	-	-	-	-	-	-		
CS-77	(3')	4/27/2023		x		Comp	1	X	x	X	-		-	\rightarrow	-	-	-	-	\rightarrow			
CS-78	(3')	4/27/2023		x		Comp	1	×	×	X			-	-	-	\rightarrow	-		\rightarrow	_	-	
CS-79	(3')	4/27/2023		x		Comp	1	X	X	X		-		-	-	_	_	-	-			
CS-80 ((3')	4/27/2023		x		Comp	1	X		-		-	-	-	-	-	-	-	_			
CS-81 ((3')	4/27/2023		x		Comp	1	×	X	X			-	-	\rightarrow	_	_	_				

Additional Comments:

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3 1 1911111 MILLIANG WILLIAM 5/123 1531 2	by: (Signature) Date/Ti	Received by: (Signature)
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Received by OCD: 6/15/2023,

Work Order Comments

Page	9	of	17_

VIRONMENTAL
 Packy Hockell

Project Manager:	Веску п	laskell				Dill to. (unicici	IL)	INICITE	gonie	ty i io	, ,				-				-					
Company Name:	NTG En	vironm	ental			Compar	ny Name		Perm	ian R	esour	ces				Pro	gram:	UST/PS	PR	В	rownfie s R	Supe			
Address:	701 Trac	dewind	s Blvd.			Address):		300 M	V. Mai	rienfel	d, Suit	e 1000			-		roject:							
City, State ZIP:	Midland	TX, 79	701			City, Sta	ate ZIP:		Midla	nd T	,7970	1				Reporting:Level Level PST/UT TR Le									
Phone:	432-766	-1918			Email:													es: EDD		ADa	aPT□ Other:				
Project Name:		5	Sheba #3		Turr	Around							A	NALY	SIS RE	QUES	T				Preservativ	ve Codes			
Project Number:			237274		✓ Routine	Rush	n	Pres. Code		-5										_	None: NO	DI Water: H ₂ O			
Project Location		Lea Co	o, New Mexic	0	Due Date:					-											2.4-1.2-2.1	MeOH: Me			
Sampler's Name:		K	enny Han		TAT starts the	day receive				MRO)				- 18								HNO ₃ ; HN NaOH: Na			
PO #:			35000					ters	l	DRO +											H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP	INAOH. INA			
SAMPLE RECE	IPT		p Blank:	Yes No	Wet Ice:	Yes)	No 2	ате	8021B	+	4500						1			9	NaHSO ₄ : NABIS				
Received Intact: Cooler Custody Sea	ale.	Yes		Correctio			6°	Par	втех в	GRO	Chloride							1		НОГР	Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Se			No (N/A)		ture Reading:	5.			P P	8015M (등	l i									Zn Acetate+NaOl				
Total Containers:			166	Corrected	Temperature:	-5.0	2.5			1801											NaOH+Ascorbic A	Acid: SAPC			
Sample Ide	entification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH											Sample Co	omments			
CS-82	2 (3')		4/27/2023		x		Comp	1	x	х	x														
CS-83	3 (3')		4/27/2023		x		Comp	1	X	Х	x									_					
CS-84	4 (3')		4/27/2023	-	x		Comp	1	x	Х	X					_	_		_	1					
CS-8	5 (3')		4/27/2023		X		Comp	1	X	X	X					\perp	_			-	-				
CS-86	6 (3')		4/27/2023	-	X		Comp	1	x	Х	X			_			-		_	-					
CS-8	7 (3')		4/27/2023		X		Comp	1	X	Х	Х			\rightarrow	_	+	-		_	-					
CS-8	8 (3')		4/27/2023		X		Comp	1	X	X	X		_	-	-	-	+	-	-	-	-				
CS-8	9 (3')		4/27/2023		X		Comp	1	X	X	X		-	-	_	+	+	-	-	-	1				
CS-9	0 (3')		4/27/2023		X		Comp	1	X	X	X		-	+	_	+	-	-	-	-	-				
0.20	1 /2"		4/27/2023		Y		Comp	1	X	X	X			- 1				1 1	1	1					

Additional Comments:

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			6		



May 04, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SHEBA #3

Enclosed are the results of analyses for samples received by the laboratory on 05/01/23 15:31.

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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 92 (3') (H232123-01)

BTEX 8021B

DILX 0021D	ilig	/ Ng	Allalyze	a by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 93 (3') (H232123-02)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14							

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 94 (3') (H232123-03)

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	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	106 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 %	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 95 (3') (H232123-04)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	18						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 96 (3') (H232123-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	195	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	40.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Project Name: SHEBA #3

Sampling Type: Soil

Project Number: 237274 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 97 (3') (H232123-06)

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	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	< 0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	74.3	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	12.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 98 (3') (H232123-07)

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	05/03/2023	ND	1.93	96.7	2.00	6.75	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	11.0	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.22	111	2.00	12.5	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.59	110	6.00	11.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	27.1	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	113 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 99 (3') (H232123-08)

RTFY 8021R

B1EX 8021B	mg,	rky	Allalyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	17.6	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 100 (3') (H232123-09)

RTFY 8021R

BIEX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	32.3	10.0	05/02/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Surrogate: 1-Chlorooctadecane 10/% 49.1-148

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 101 (3') (H232123-10)

RTFY 8021R

BIEX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.2	200	0.631	
DRO >C10-C28*	23.6	10.0	05/03/2023	ND	185	92.3	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 102 (3') (H232123-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	147	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	11.5	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/27/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 103 (3') (H232123-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	46.6	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 104 (4') (H232123-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/03/2023	ND	400	100	400	3.92	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	160	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	27.7	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 105 (4') (H232123-14)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	0.066	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	0.060	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	0.151	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 106 (4') (H232123-15)

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	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 107 (4') (H232123-16)

BTEX 8021B

DILX GOZID	ıııg,	K9	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Analyzed By: JH

Received: 05/01/2023

Sampling Date:

04/28/2023

Reported: Project Name: 05/04/2023 SHEBA #3

Sampling Type:

Soil Cool & Intact

Project Number:

237274

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

BTEX 8021B

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 108 (4') (H232123-17)

DILX GOZID	ıııg,	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 109 (4') (H232123-18)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	150	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	21.8	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	79.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 110 (4') (H232123-19)

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	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 111 (4') (H232123-20)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 112 (4') (H232123-21)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	13.6	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 113 (4') (H232123-22)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023 Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 114 (4') (H232123-23)

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	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	75.4	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	10.4	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Sampling Date:

04/28/2023

Reported: Project Name: 05/04/2023 SHEBA #3

Sampling Type: Sampling Condition:

Cool & Intact

Soil

Project Number:

237274

Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 115 (2') (H232123-24)

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	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 %	6 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237274

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 116 (4') (H232123-25)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	169	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	25.4	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 117 (4') (H232123-26)

BTEX 8021B

DILX GOZID	mg/ kg		Allulyzed by: 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	31.2	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 118 (4') (H232123-27)

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	05/03/2023	ND	2.00	100	2.00	3.44	
Toluene*	<0.050	0.050	05/03/2023	ND	2.12	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.20	110	2.00	3.82	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.51	108	6.00	4.30	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	59.7	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	6 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 119 (4') (H232123-28)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	34.5	10.0	05/02/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 120 (4') (H232123-29)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	1.55	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	1.41	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	5.89	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	8.85	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	78.9	10.0	05/03/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	1270	10.0	05/03/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	166	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Analytical Results For:

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

Applyzod By: 14

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Sampling Date:

04/28/2023

Reported: Project Name:

Received:

RTFY 8021R

05/01/2023 05/04/2023 SHEBA #3

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

237274

Sample Received By:

Tamara Oldaker

C-04

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 121 (4') (H232123-30)

BIEX 8021B	mg	/kg	Analyze	еа ву: ЈН					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.88	1.00	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	169	1.00	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	98.8	1.00	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	329	3.00	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	602	6.00	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	142	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2530	10.0	05/03/2023	ND	164	82.0	200	1.61	
DRO >C10-C28*	4080	10.0	05/03/2023	ND	184	92.2	200	3.46	
EXT DRO >C28-C36	455	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	269	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 122 (4') (H232123-31)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	37.2	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 1 (0-4') (H232123-32)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	132	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	26.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	18						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 2 (0-4') (H232123-33)

BTEX 8021B

DIEX GOZID	9/	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 3 (0-4') (H232123-34)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	0.391	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	0.379	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	1.83	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	2.60	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.7	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	359	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	48.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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04/28/2023

Soil

Analytical Results For:

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

Received: 05/01/2023

05/01/2023 Sampling Date: 05/04/2023 Sampling Type:

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 4 (0-4') (H232123-35)

Reported:

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 5 (0-4') (H232123-36)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 6 (0-4') (H232123-37)

BTEX 8021B

DIEX GOZID	9/	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: JH

Received: 05/01/2023

Sampling Date:

04/28/2023

Reported: Project Name: 05/04/2023 SHEBA #3

Sampling Type:

Soil

Project Number:

237274

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Location:

BTEX 8021B

PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 7 (0-4') (H232123-38)

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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Analytical Results For:

PERMIAN RESOURCES-LEA CO., NM

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

Received: 05/01/2023

Sampling Date:

04/28/2023

Soil

Reported: 05/04/2023 Project Name: SHEBA #3 Sampling Type: Sampling Condition:

Cool & Intact

Project Number: 237274

Project Location:

Surrogate: 1-Chlorooctadecane

Sample Received By:

Tamara Oldaker

Sample ID: SW - 8 (0-4') (H232123-39)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	102 %	6 48.2-13	4						

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Celey D. Kreine

Celey D. Keene, Lab Director/Quality Manager

110 %

49.1-148



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 9 (0-4') (H232123-40)

BTEX 8021B

DIEX GOZID	9/	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 10 (0-4') (H232123-41)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	290	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	94.4	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 11 (0-4') (H232123-42)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	30.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	10.1	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 12 (0-4') (H232123-43)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	375	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	59.7	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 13 (0-4') (H232123-44)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	42.3	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	13.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 14 (0-4') (H232123-45)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

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Analytical Results For:

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

Applyzod By: 14

Received: 05/01/2023

Reported: 05/04/2023

Project Name: SHEBA #3 Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sampling Date: 04/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (0-4') (H232123-46)

RTFY 8021R

B1EX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	86.4	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

55.1770 17.11 170

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 16 (0-4') (H232123-47)

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	05/03/2023	ND	1.87	93.5	2.00	6.09	
Toluene*	<0.050	0.050	05/03/2023	ND	1.91	95.5	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.89	94.3	2.00	3.97	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.83	97.1	6.00	2.56	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	1230	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	251	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 17 (0-4') (H232123-48)

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	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	0.063	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	54.5	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	28.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	92.6 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 %	6 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 18 (0-4') (H232123-49)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	985	10.0	05/02/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	241	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 19 (0-4') (H232123-50)

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	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	14						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	182	91.2	200	1.99	
DRO >C10-C28*	203	10.0	05/03/2023	ND	162	81.1	200	5.10	
EXT DRO >C28-C36	64.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	18						

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 20 (0-4') (H232123-51)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	21.7	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 21 (0-4') (H232123-52)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	0.149	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	0.064	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	0.198	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	0.411	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	1010	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	236	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 22 (0-4') (H232123-53)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	0.384	0.050	05/04/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	0.222	0.050	05/04/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	1.17	0.150	05/04/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	1.78	0.300	05/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	05/03/2023	ND	400	100	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	43.3	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	2050	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	331	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 23 (0-4') (H232123-54)

BTEX 8021B	mg/kg Ana		Analyze	alyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.162	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	6.29	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	4.35	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	16.3	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	27.1	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/03/2023	ND	400	100	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*	259	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	998	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	169	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 24 (0-4') (H232123-55)

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	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	23.6	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	17.6	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 25 (2-4') (H232123-56)

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	0.141	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	0.115	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	0.448	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	0.704	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	05/03/2023	ND	400	100	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*	<50.0	50.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	1180	50.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	553	50.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 26 (0-4') (H232123-57)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	233	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	54.7	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 27 (0-4') (H232123-58)

BTEX 8021B	mg/kg Analyzed By: JH/			d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.054	0.050	05/04/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	0.502	0.050	05/04/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	0.183	0.050	05/04/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	0.644	0.150	05/04/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	1.38	0.300	05/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	05/03/2023	ND	400	100	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*	13.9	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	1730	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	356	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 28 (0-2') (H232123-59)

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	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	0.879	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	0.412	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	1.25	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	2.54	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	05/03/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28.0	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	1280	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	1050	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 29 (0-4') (H232123-60)

BTEX 8021B

DILX GOZID	iiig/	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	50.8	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	94.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 30 (0-4') (H232123-61)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	14.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

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Celey D. Keene

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 31 (0-3') (H232123-62)

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	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	48.0	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 32 (0-3') (H232123-63)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	166	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	34.5	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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04/28/2023

Analytical Results For:

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

Received: 05/01/2023 Sampling Date:

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 33 (0-3') (H232123-64)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	665	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	130	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 34 (0-3') (H232123-65)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	632	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	110	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 35 (0-3') (H232123-66)

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	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	1780	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	358	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 36 (0-3') (H232123-67)

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	05/03/2023	ND	1.70	85.1	2.00	8.77	
Toluene*	<0.050	0.050	05/03/2023	ND	1.71	85.4	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.66	83.2	2.00	6.17	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	5.19	86.4	6.00	6.24	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	29.2	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

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04/28/2023

Analytical Results For:

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

Tux

05/01/2023 Sampling Date:

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 37 (0-3') (H232123-68)

Received:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/04/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.08	104	2.00	1.38	QM-07
Total Xylenes*	0.412	0.150	05/04/2023	ND	6.03	101	6.00	0.847	
Total BTEX	0.412	0.300	05/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	05/03/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.4	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	3310	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	631	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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C-04



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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 38 (0-3') (H232123-69)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	0.206	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	1.40	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	1.60	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	138	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	05/03/2023	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	43.0	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	3400	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	687	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 39 (0-3') (H232123-70)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	0.053	0.050	05/04/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	0.326	0.050	05/04/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	2.09	0.150	05/04/2023	ND	6.03	101	6.00	0.847	
Total BTEX	2.47	0.300	05/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	153	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	05/03/2023	ND	400	100	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*	66.6	10.0	05/03/2023	ND	224	112	200	0.364	
DRO >C10-C28*	3800	10.0	05/03/2023	ND	206	103	200	3.09	
EXT DRO >C28-C36	810	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 40 (0-3') (H232123-71)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	194	96.9	200	0.345	
DRO >C10-C28*	15.7	10.0	05/03/2023	ND	213	106	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023

Sampling Date:

04/28/2023

Reported:

05/04/2023

Sampling Type:

Soil

Project Name:

SHEBA #3

Sampling Condition:

Cool & Intact

Project Number:

237274

Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 41 (0-3') (H232123-72)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/03/2023	ND	400	100	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	05/03/2023	ND	194	96.9	200	0.345	
DRO >C10-C28*	156	10.0	05/03/2023	ND	213	106	200	3.24	
EXT DRO >C28-C36	28.4	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 42 (0-3') (H232123-73)

BTEX 8021B	mg/	kg	Analyze	d By: JH	PC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/03/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	96.9	200	0.345	
DRO >C10-C28*	539	10.0	05/03/2023	ND	213	106	200	3.24	
EXT DRO >C28-C36	129	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 43 (0-3') (H232123-74)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/03/2023	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	05/03/2023	ND	194	96.9	200	0.345	
DRO >C10-C28*	134	10.0	05/03/2023	ND	213	106	200	3.24	
EXT DRO >C28-C36	36.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 44 (0-3') (H232123-75)

BTEX 8021B	mg/	/kg	Analyze	d By: JH	BS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	05/03/2023	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	05/03/2023	ND	194	96.9	200	0.345	
DRO >C10-C28*	1200	10.0	05/03/2023	ND	213	106	200	3.24	
EXT DRO >C28-C36	212	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/01/2023 Sampling Date: 04/28/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 45 (0-3') (H232123-76)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	0.062	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	0.080	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	0.429	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	0.571	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	05/03/2023	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	05/03/2023	ND	194	96.9	200	0.345	
DRO >C10-C28*	495	10.0	05/03/2023	ND	213	106	200	3.24	
EXT DRO >C28-C36	109	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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. Freene

Project Manager:	Becky H	askell			Bill to:	(if differe	nt)	Mor	ntgom	ery Flo	vd					***	1	Nork (Ordon	³ age10 of17_ r Comments
Company Name:	NTG En	vironmental			Compa	any Name	9:	8	_	Resour					Drog	rom. II				
Address:	701 Trad	lewinds Blvd.			Addres			7			d, Suite	1000		\neg		of Pro	ST/PS	PR		Brownfie R R Supe
City, State ZIP:	Midland	TX, 79701			7	tate ZIP:				X.7970		1000		\dashv			-	Lava		DOTALCE TOCK
Phone:	432-766-	1918		Email		oto Ell ,		Tivilai	anu i	A,7370	1			\exists			: EDD	Leve		PST/U{☐ TR☐P Le☐ aPT☐ Other:
Project Name:		Sheba #3		Tur	n Around		115					AN	AL VOI	C DEC	QUEST				TIDE	A STATE OF THE STA
Project Number:		237274		✓ Routine	Rus		Pres.		T			AN	ALYSI	SKEC	JUEST			-	-	Preservative Codes
Project Location	1	ea Co, New Mexic	20	Due Date:			Code		1		-	_	+	+		-	-	+	-	None: NO DI Water: H ₂ O
Sampler's Name:		Kenny Han		TAT starts the	day receiv	ed by the		1	0						1 1					Cool: Cool MeOH: Me
PO #.		35000		lab, if rece			-	1	+ MRO)						1 1				1	HCL: HC HNO ₃ : HN
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	_ m	DRO	0					1 1					H ₂ S0 ₄ : H ₂ NaOH: Na
Received Intact:		Yes No	Thermom		1/3		ram	8021B	+	4500						-	- х			H ₃ PO ₄ : HP
Cooler Custody Seals		Yes No NA	Correction	n Factor:	-0.	- 15	Ра	втех в	GRO	Chloride									НОГР	NaHSO ₄ : NABIS
Sample Custody Sea	s:	Yes No N/A	Temperat	ure Reading:	-5.			B	M	S					1 1	-			1	Na ₂ S ₂ O ₃ : NaSO ₃
Total Containers:		166	Corrected	Temperature:	-5,	92			8015M (GRO											Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										1	Sample Comments
CS-92	(3')	4/27/2023		X		Comp	1	x	x	x	_	+	+		1	-	-	-	-	
CS-93	(3')	4/27/2023		х		Comp	1	x	x	x	-	+	+			-	+	-		
CS-94	(3')	4/27/2023		X		Comp	1	х	x	x	_	+	+			-	+	-		
CS-95	(3')	4/27/2023		х		Comp	1	x	x	x	-	+	+		-	-	-			
CS-96	3')	4/27/2023		x		Comp	1	X	х	x	-	+	-		-	-	-		-	
CS-97 (3')	4/27/2023		х		Comp	1	x	x	x	+	+	-		-	-	-			
CS-98 (3')	4/27/2023	1	x		Comp	1	X	x	x	-	+	+			-	-			
CS-99 (3')	4/27/2023		x		Comp	1	X	X	x		+	+			-	-			
CS-100	(3')	4/27/2023		x		Comp	1	X	X	x		+	1			-				
CS-101	(3')	4/27/2023	1	x		Comp	1	X	x	×	-	-				-	-			
Addition						- ср		^	^	^										

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 \$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 enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signeture)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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Project Manager:	Becky Ha	skell			Bill to: (if differen	nt)	Mon	tgome	ery Flo	yd						W	ork O	rder	Comments
Company Name:	NTG Env	ironmental			Compa	ny Name	:	Pern	nian R	Resour	ces				Progran	n: UST	/PS	PR	В	rownfie R Supe
Address:	701 Trade	ewinds Blvd.			Address	s:		300	N. Ma	rienfel	d, Suite	1000			State of	Proje	ct:			
City, State ZIP:	Midland 7	X, 79701			City, St	ate ZIP:		Midla	and T	X,7970	11			7 1	Reportir	g:Leve	el 🗌 1	Level		PST/U{ TR P L
Phone:	432-766-	1918		Email:											Delivera	bles: I	EDD		ADa	PT Other:
Project Name:		Sheba #3		Turi	n Around							ANA	LYSIS	REQL	JEST					Preservative Codes
Project Number:		237274		✓ Routine	Rus	h	Pres. Code									T	T			None: NO DI Water: H ₂ O
Project Location		ea Co, New Mexic	0	Due Date:								1								Cool: Cool MeOH: Me
Sampler's Name:		Kenny Han		TAT starts the	day receiv	ed by the			MRO)											HCL: HC HNO ₃ : HN
PO #:		35000		lab, if rece	eived by 4:3	0pm	So.		+											H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	yes	No	Parameters	<u>m</u>	DRO	4500										H ₃ PO ₄ : HP
Received Intact:		Yes No	Thermom	eter ID:	1/3	3	ıran	8021B	+						- 1				HOLD	NaHSO ₄ : NABIS
Cooler Custody Seal	s:	Yes No N/A	Correction	n Factor:	-0.	6 C	9	втех	(GRO	Chloride							1		오	Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Sea	als:	Yes No N/A		ure Reading:		36		m	8015M	5										Zn Acetate+NaOH: Zn
Total Containers:		166	Corrected	Temperature:	1-5.	96	L		180											NaOH+Ascorbic Acid: SAPC
Sample Iden	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH											Sample Comments
CS-102	2 (3')	4/27/2023		х		Comp	1	x	x	х		4				1				
CS-103	3 (3')	4/27/2023		х		Comp	1	x	х	х		1								
CS-104	1 (4')	4/28/2023		х		Comp	1	x	х	х										
CS-105	5 (4')	4/28/2023		x		Comp	1	х	х	x										
CS-106	6 (4')	4/28/2023		х		Comp	1	x	х	x										
CS-107	7 (4')	4/28/2023		х		Comp	1	х	х	х										
CS-108	3 (4')	4/28/2023		x		Comp	1	х	х	х			\Box		\neg	\top				
CS-109	(4')	4/28/2023		х		Comp	1	х	х	х										
CS-110	(4')	4/28/2023		x		Comp	1	х	x	x				\neg						
CS-111	CAR	4/28/2023		x		Comp	1	×	x	x			+	\rightarrow		+				

00 102 (21)																		
CS-103 (3')	4/27/2023	X	Comp	1	X	x	x											
CS-104 (4')	4/28/2023	x	Comp	1	X	х	x											
CS-105 (4')	4/28/2023	x	Comp	1	х	х	x											
CS-106 (4')	4/28/2023	x	Comp	1	x	х	x											
CS-107 (4')	4/28/2023	x	Comp	1	х	х	x											
CS-108 (4')	4/28/2023	x	Comp	1	X	х	х											
CS-109 (4')	4/28/2023	×	Comp	1	х	х	х							-				
CS-110 (4')	4/28/2023	×	Comp	1	х	x	x										-	
CS-111 (4')	4/28/2023	x	Comp	1	- X	x	x									-		
Additional Commer	nts:													_				
Notice: Signature of this document and reli of service. Xenco will be liable only for the of Xenco. A minimum charge of \$85.00 will	inquishment of samples con- cost of samples and shall no be applied to each project a	ot assume any responsibili nd a charge of \$5 for each	ty for any losses or sample submitted t	expense to Xenco,	s incurre but not a	ed by the analyzed.	These te	uch losser rms will b	s are due e enforce	to circui d unless	mstance previou	s beyon isly neg	d the cor otiated.	trol				
Notice: Signature of this document and reli of service. Xenco will be liable only for the of Xenco. A minimum charge of \$85.00 will Relinquished by: (Signature)	inquishment of samples con- cost of samples and shall no be applied to each project a	ot assume any responsibili	ty for any losses or sample submitted t	expense to Xenco,	but not a	analyzed.	These te	uch losses	s are due e enforce	to circui d unless	mstance previou	s beyon isly neg	d the cor otiated.		by: (S	ignatu	re)	Date/Time
Notice: Signature of this document and reli of service. Xenco will be liable only for the of Xenco. A minimum charge of \$85.00 will	inquishment of samples con- cost of samples and shall no be applied to each project a	ot assume any responsibili nd a charge of \$5 for each	ty for any losses or sample submitted t	expense to Xenco,	but not a	analyzed.	These te	uch losser rms will b	s are due e enforce	to circui d unless	mstance previou	s beyon isly neg	d the cor otiated.	trol	by: (S	ignatu	re)	Date/Time
Notice: Signature of this document and reli of service. Xenco will be liable only for the of Xenco. A minimum charge of \$85.00 will Relinquished by: (Signature)	inquishment of samples con- cost of samples and shall no be applied to each project a	ot assume any responsibili nd a charge of \$5 for each	ty for any losses or sample submitted t	expense to Xenco,	but not a	analyzed.	These te	uch losser rms will b	s are due e enforce	to circui d unless	mstance previou	s beyon isly neg	d the cor otiated.	trol	by: (S	ignatu	re)	Date/Time

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Work Order No.	110		-		31
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Project Manager:	Becky Ha	skell			Bill to:	(if differe	nt)	Mon	tgome	ery Flo	oyd								W	ork O	rder	Comments	
Company Name:	NTG Env	ironmental	1		Compa	iny Name	e:	Pern	nian F	Resou	rces					Prog	ram: I	UST/	PS	PR[] в	Brownfie s R Sup	oe
Address:	701 Trade	ewinds Blvd.			Addres	s:		300	N. Ma	rienfe	ld, Si	ite 10	00			State	of Pr	oject	: -				
City, State ZIP:	Midland 7	X, 79701			City, St	tate ZIP:		Midla	and T	X,797	01					Repo	rting:L	evel		Level		PST/U\$ TR□P L	
Phone:	432-766-	1918		Email												Deliv	erable	s: El			ADa	PT Other:	
Project Name:		Sheba #3		Tur	n Around		1						ANAI	LYSIS	REC	UEST						Preservative Codes	
Project Number:		237274		✓ Routine	Rus	sh	Pres.															None: NO DI Water: H	0
Project Location	L	ea Co, New Me	exico	Due Date:																		Cool: Cool MeOH: Me	
Sampler's Name:		Kenny Han		TAT starts the	day receiv	ed by the			MRO)													HCL: HC HNO ₃ : HN	
PO#.		35000		lab, if rece	eived by 4:	30pm	2		+		1											H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	0	DRO	4500									(1)			H ₃ PO ₄ : HP	
Received Intact:		Yes No	Thermon	neter ID:	113	3	ran	80218	+	94								l li		-	9	NaHSO ₄ : NABIS	
Cooler Custody Seal	s:	Yes No NA	Correction	n Factor:		loc	9	ВТЕХ	(GRO	Chloride			Ţ.								НОГР	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea	als:	Yes No M/A	Tempera	ture Reading:	-5			, m	8015M	5												Zn Acetate+NaOH: Zn	
Total Containers:		166	Correcte	d Temperature:	-5	.9 c			801													NaOH+Ascorbic Acid: SAPC	
Sample Iden	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													Sample Comments	
CS-112	2 (4')	4/28/20	23	X		Comp	1	х	х	x													
CS-113	3 (4')	4/28/20	23	х		Comp	1	х	x	х													
CS-114	1 (4')	4/28/20	23	x		Comp	1	X	х	x													
CS-115	5 (2')	4/28/20	23	x		Comp	1	x	х	x													-
CS-116	6 (4')	4/28/20	23	x		Comp	1	x	х	х									-				\neg
CS-117	(4')	4/28/20	23	х		Comp	1	x	х	x	-												-
CS-118	3 (4')	4/28/20:	23	х		Comp	1	x	х	х													\dashv
CS-119	(4')	4/28/20	23	х		Comp	1	x	x	x													\dashv
CS-120	(4')	4/28/202	23	х		Comp	1	x	х	х							_						\dashv
CS-121	(4')	4/28/202	23	×		Comp	1	x	х	х					-		_						\dashv

CS-112 (4')	4/28/2023	X	Comp	1	X	X	X								1						
CS-113 (4')	4/28/2023	х	Comp	1	x	X	х														
CS-114 (4')	4/28/2023	x	Comp	1	x	х	х		\neg												
CS-115 (2')	4/28/2023	x	Comp	1	х	х	х														
CS-116 (4')	4/28/2023	x	Comp	1	x	х	х		1		\neg										
CS-117 (4')	4/28/2023	x	Comp	1	x	х	х	2 4			\neg										
CS-118 (4')	4/28/2023	x	Comp	1	x	х	х		1		\neg										
CS-119 (4')	4/28/2023	x	Comp	1	x	х	x		_	\rightarrow	\forall										
CS-120 (4')	4/28/2023	x	Comp	1	x	х	х		1	1	\forall	\neg									
CS-121 (4')	4/28/2023	×	Comp	1	x	х	х	1	1	\neg	\rightarrow	-									
Additional Commer lotice: Signature of this document and reli f service. Xenco will be liable only for the f Xenco. A minimum charge of \$85.00 will	inquishment of samples cons	t assume any responsibility for	or any losses or	expense	s incurre	ed by the	client	f such los	ses an	due to	circum	etance	se hour	and the	control						
Relinquished by: (Signature)	Recei	ved by: (Signature)	//		Date/T	ime		Relin	quish	ed by	: (Sig	natu	re)		Rece	ived by	y: (Sig	natur	e)		Date/Tir
legge	Mulax	Arledas	Sell	5-1-	23	15	31														
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	NTC
-	HIG
	ENVIRONMENTAL

Chain of Custody

Work Order No: 4/232123

Project Manager:	Becky Has	skell			Bill to:	(if differe	nt)	Mon	tgome	ery Floy	rd						Work (Order	of17_
Company Name:	NTG Envi	ronmental			Compa	ny Name	2:	Perr	nian F	Resourc	es				Program	: UST/PS			Brownfie s R Supe
Address:	701 Trade	winds Blvd.			Addres	s:		300	N. Ma	rienfelo	d, Suite	1000			State of		Ц		
City, State ZIP:	Midland T	X, 79701			City, St	ate ZIP:		Midl	and T	X,7970	1			\neg	Reporting	:Level	Level		PST/U{ TR P
Phone:	432-766-1	918		Email:										\neg	Deliverab	les: EDD			aP1□ Other:
Project Name:		Sheba #3		Turi	Around							ΔΝΔ	LYSIS	REOL	IEST				Preservative Codes
Project Number:		237274		✓ Routine	Rus		Pres. Code		T	П		Alter	1010	IL G	JEST	TT		T	
Project Location	Le	ea Co, New Mexic	0	Due Date:			Oode										-		
Sampler's Name:		Kenny Han		TAT starts the	day receiv	ed by the			MRO)										Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN
PO #:		35000		lab, if rece	ived by 4:3	30pm	2		+							1 1			H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:		No	Parameters	8	DRO	4500									H ₃ PO ₄ : HP
Received Intact:		Yes No	Thermom	eter ID:	113	3	ıran	8021B	+	16 45		1			- 1	1 1		9	NaHSO ₄ : NABIS
Cooler Custody Seals		es No N/A	Correction	Factor:	-0.	60	4	втех	(GRO	Chloride			1 1				1	HOLD	Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Sea Total Containers:	ls: Y	es No N/A		ure Reading:		36			8015M	5									Zn Acetate+NaOH: Zn
otal Containers.		166	Corrected	Temperature:	-5,	10			H 80										NaOH+Ascorbic Acid: SAPC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample Comments
CS-122	(4')	4/28/2023		x		Comp	1	X	х	х									
SW-1 (0	0-4')	4/28/2023		X		Comp	1	×	х	x							1		
SW-2 (0	0-4')	4/28/2023		Х		Comp	1	х	Х	х									
SW-3 (0	0-4')	4/28/2023		х		Comp	1	х	х	x									
SW-4 (0)-4')	4/28/2023		X		Comp	1	х	х	х									
SW-5 (0)-4')	4/28/2023		х		Comp	1	x	х	x									
SW-6 (0	0-4')	4/28/2023		х		Comp	1	х	х	x									
SW-7 (0)-4')	4/28/2023		х		Comp	1	x	х	x									
SW-8 (0)-4')	4/28/2023		x		Comp	1	х	х	X									
SW-9 (0)-4')	4/28/2023		х		Comp	1	Х	x	х									
Additio	nal Comm	ante:								_	_	-							

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 \$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 enforced unless previously negotiated.

5	Relinquished by: (Signature)		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
9	140000	Mulara Maakka	5-1.23 1531	2		
ive				4		
<i>ec</i>				6		

Chain of Custody

Project Manager: Becky Haskell Bill to: (if different) Montgomery Floyd **Work Order Comments** Company Name: NTG Environmental Company Name: Permian Resources Program: UST/PS PR Brownfie s R() Supe Address: 701 Tradewinds Blvd. Address: 300 N. Marienfeld, Suite 1000 State of Project: City, State ZiP. Midland TX, 79701 City, State ZIP: Midland TX,79701 Reporting:Level ☐ Level ☐ PST/U\$ TRP Le Phone: 432-766-1918 Email: Deliverables: EDD ADaPT Other: Project Name: Sheba #3 **Turn Around ANALYSIS REQUEST Preservative Codes** Pres. Project Number: ✓ Routine 237274 Rush Code None: NO DI Water: H₂O Project Location Lea Co. New Mexico Due Date: Cool: Cool MeOH: Me MRO) Sampler's Name: Kenny Han TAT starts the day received by the HCL: HC HNO3: HN lab, if received by 4:30pm PO #: 35000 8015M (GRO + DRO + H2SO4: H2 NaOH: Na SAMPLE RECEIPT Temp Blank: Yes No) Wet Ice: Yes No Chloride 4500 BTEX 8021B HaPOA: HP Received Intact: Yes No Thermometer ID NaHSO4: NABIS Cooler Custody Seals: Yes No N/A Correction Factor Na2S2O3: NaSO3 Sample Custody Seals: Yes No (N/A Temperature Reading: 5,30 Zn Acetate+NaOH: Zn Total Containers: 166 Corrected Temperature: 9 NaOH+Ascorbic Acid: SAPC LPH Grab/ # of Sample Identification Date Time Soil Water Sample Comments Cont Comp SW-10 (0-4') 4/28/2023 X Comp 1 X X X SW-11 (0-4') 4/28/2023 1 X Comp X X X SW-12 (0-4') 4/28/2023 X Comp 1 X X X SW-13 (0-4') 4/28/2023 X Comp 1 X X X SW-14 (0-4') 4/28/2023 X Comp 1 X X X SW-15 (0-4') 4/28/2023 X 1 Comp X X X SW-16 (0-4') 4/28/2023 X Comp 1 X X X SW-17 (0-4') 4/28/2023 X Comp 1 X X X SW-18 (0-4') 4/28/2023 X Comp X X X SW-19 (0-4') 4/28/2023 X Comp X X X Additional 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 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 \$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 enforced unless previously negotiated.

Relinquished by: (Signature		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 444/	Muara Islantost	5-1-23 1531	2		
5			6		

Chain of Custody



Work Order No: <u>4232123</u>

Project Manager:	Becky Haske	ell			Bill to: (if differer	nt)	Mont	tgome	ry Floy	d						Work C	order	Comments
Company Name:	NTG Enviror	mental			Compar	ny Name		Perm	nian R	esourc	es			Pr	ogram:	UST/PS	PR	В	rownfie s R Supe
Address:	701 Tradewi	nds Blvd.			Address	s:		300 1	N. Ma	rienfelo	, Suite	1000		St	ate of F	roject:			
City, State ZIP:	Midland TX,	79701			City, Sta	ate ZIP:		Midla	and T	(,7970				Re	porting	Level [Level		PST/U{ TR P L€
Phone:	432-766-191	8		Email:										De	liverabl	es: EDD		ADa	PT Other:
Project Name:		Sheba #3		Turr	Around		11-0					ANA	LYSIS F	REQUE	ST				Preservative Codes
Project Number:		237274		✓ Routine	Rusi	h	Pres. Code										4		None: NO DI Water: H ₂ O
Project Location	Lea	Co, New Mexic	0	Due Date:													1		Cool: Cool MeOH: Me
Sampler's Name:		Kenny Han		TAT starts the					MRO)										HCL: HC HNO ₃ : HN
0 #:		35000	_	lab, if rece	ived by 4:3	0pm	ers		+										H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEI		emp Blank:	Yes No	Wet Ice:		No	Parameters	24 24 24 24 24 24 24 24 24 24 24 24 24 2	DRO	4500									H ₃ PO ₄ : HP
Received Intact:	-	Yes No	Thermom		1/3	_	ara	BTEX 8021B	GRO +				1 1					НОГР	NaHSO₄: NABIS
Cooler Custody Seals		No (N/A)	Correction			60	Д.	Ê	-	Chloride			1 1					Ī	Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seal	s: Yes	No N/A		ure Reading:		32			8015M	0			1 1						Zn Acetate+NaOH: Zn
otal Containers:		166	Corrected	Temperature:	-5.	_			1 80				1 1	-1					NaOH+Ascorbic Acid: SAPC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPII										Sample Comments
SW-20 (0-4')	4/28/2023		x		Comp	1	x	х	х									
SW-21 (0-4')	4/28/2023		×		Comp	1	x	х	х									
SW-22 (0-4')	4/28/2023		X		Comp	1	х	х	х									
SW-23 (0-4')	4/28/2023		×		Comp	1	х	х	х									
SW-24 (0-4')	4/28/2023		X		Comp	1	x	x	x									
SW-25 (2-4')	4/28/2023		×		Comp	1	×	х	х									
SW-26 (0-4')	4/28/2023		х		Comp	1	X	х	x									
SW-27 (0-4')	4/28/2023		x		Comp	1	х	х	х		1							
SW-28 (0-2')	4/28/2023		х		Comp	1	х	х	х									
SW-29 (0-4')	4/28/2023		×		Comp	1	X	x	X					1				1.

	ment of samples constitutes a valid purchase order from client co				
of service. Xenco will be liable only for the cost of of Xenco. A minimum charge of \$85.00 will be app	samples and shall not assume any responsibility for any losses of slied to each project and a charge of \$5 for each sample submitted	or expenses incurred by the client to Xenco, but not analyzed. Thes	if such losses are due to circumstances beyon e terms will be enforced unless previously nego	d the control otiated.	
Relinquished by: (Signature)	/ Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Will!	Mulara I Vida Korc	5-1-23 1531	2		
			4		

6/15/2023 437:54 PW PS PR 20

Chain of Custody

Work Order No: 433212

Project Manager:	Becky I	Haskell				Bill to:	(if differe	nt)	Mon	tgome	ery Flo	yd							Work (Order	Comments
Company Name:	NTG Er	nvironm	ental			Compa	ny Name	e:	Pern	nian F	Resour	ces				Prog	ram: L	ST/PS	□ PR	Пв	Brownfie R Supe
Address:	701 Tra	dewinds	s Blvd.			Addres	s:					ld. Suite	1000			-	of Pro				TOTAL TALE
City, State ZIP:	Midland	TX, 79	701			City, St	ate ZIP:		Midla	and T	X.797	01				Repo	rting:L	evel 🗌	Level		PST/U(T TRIP LE
Phone:	432-766	6-1918			Email:											Delive	erables	EDD			aPT□ Other:
Project Name:		S	heba #3		Turi	n Around							ANA	ALYSIS	REC	UEST					Preservative Codes
Project Number:			237274		✓ Routine	Rus	h	Prec. Code						T						T	None: NO DI Water: H ₂ O
Project Location	-	Lea Co	, New Mexic	0	Due Date:												\neg				Cool: Cool MeOH: Me
Sampler's Name:		Ke	enny Han		TAT starts the					MRO)											HCL: HC HNO ₃ : HN
PO#:			35000		lab, if rece	eived by 4:3	80pm	2		+				1							H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEI	PT		p Blank:	Yes Mo	Wet Ice:	Yes) No	Paramete	Φ.	DRO	4500										H ₃ PO ₄ : HP
Received Intact:			No	Thermom			3	arar	802	GRO +	de 4									НОГР	NaHSO ₄ : NABIS
Cooler Custody Seal		Yes		Correction		-0,	6c	۵	BTEX 8021B	-	Chloride				-					오	Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Sea Total Containers:	ils:		No (N/A)		ure Reading:	-5	38	4	-	8015M	ū										Zn Acetate+NaOH: Zn
Total Containers.			100	Corrected	Temperature:	-5	96			Н 80											NaOH+Ascorbic Acid: SAPC
Sample Iden	tification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН											Sample Comments
SW-30	(0-4')		4/28/2023		Х		Comp	1	x	х	х								1		
SW-31	(0-3')		4/28/2023		X		Comp	1	x	х	X										
SW-32	(0-3')		4/28/2023		х		Comp	1	х	х	х										
SW-33 ((0-3')		4/28/2023		х		Comp	1	х	х	х										
SW-34 ((0-3')		4/28/2023		х		Comp	1	×	х	х						\neg				
SW-35 ((0-3')		4/28/2023		х		Comp	1	х	х	х										
SW-36 ((0-3')		4/28/2023		х		Comp	1	х	х	х						\neg				
SW-37 ((0-3')		4/28/2023		х		Comp	1	х	x	х						\neg	\top			
SW-38 ((0-3')		4/28/2023		х		Comp	1	×	х	x										
SW-39 (0-3")		4/28/2023		x	9.1	Comp	1	х	x	x						-				

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
all I	JULIANA WYDLANDAIC	5-1-23 1531	2		
			4		

N	TC
ENVIR	ONMENTAL

A EN	VITG		Olla	in or oddiody	98 jo 98 jo 98 jo 98 jo 98 jo 98 ebed
niect Manager:	Becky Haskell		Bill to: (if different)	Montgomery Floyd	Work Order Comments
	NTG Environmental		Company Name:	Permian Resources	Program: UST/PS PR Brownfie R Supe
dress:	701 Tradewinds Blvd.		Address:	300 N. Marienfeld, Suite 1000	State of Project:
y, State ZIP:	Midland TX, 79701		City, State ZIP:	Midland TX,79701	Reporting:Level Level PST/UT TR L
one:	432-766-1918	Email:			Deliverables: EDD ADaP1□ Other:

Project Name:		Sheba #3		Turr	Around						A	NALY	ISIS	REQU	EST				Preserva	ative Codes
Project Number:		237274		Routine	Rus	h	Pres. Code						1						None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NAB Na ₂ S ₂ O ₃ : NAS Zn Acetate+Na NaOH+Ascorb	DI Water: H ₂
Project Location	Lea	a Co, New Mexic	0	Due Date:															Cool: Cool	MeOH: Me
Sampler's Name:		Kenny Han		TAT starts the					MRO)											HNO ₃ : HN
PO#:		35000		lab, if rece	eived by 4:3	0pm	Sic		+											NaOH: Na
SAMPLE RECEIF	PT	Temp Blank:	Yes No	Wet Ice:		No	mete	8021B	DRO	4500				- 1						
Received Intact:		Yes No	Thermon	neter ID:	1/	3	araı	803	GRO +		- 1							НОГР	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPO	
Cooler Custody Seals	s: Y	es No (N/A)	Correction		-0	60	а.	втех	-	Chloride										
Sample Custody Seal	is: Y	es No (N/A)	-	ture Reading:	-5.	38		-	8015M	0		- 1			- 1					
Total Containers:		166	Correcte	d Temperature:	1 -5	90		1	TPH 80										14dOTT ASCOTO	ic Acid. OAI O
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		1										None: NO Cool: Cool HCL: HC H ₂ S0 ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOl NaOH+Ascorbic	Comments
SW-40 ((0-3')	4/28/2023		х		Comp	1	Х	Х	Х										
SW-41 ((0-3')	4/28/2023		X		Comp	1	x	X	x						-				
SW-42 ((0-3')	4/28/2023		X		Comp	1	X	X	x										
SW-43 ((0-3')	4/28/2023		х		Comp	1	X	х	x							_			
SW-44 ((0-3')	4/28/2023		X		Comp	1	x	х	X					_	_	_			
SW-45 ((0-3')	4/28/2023		х		Comp	1	X	X	x							-			
															_	1	-			
1				1											_		-			
								1			1							 1	None: NO Cool: Cool HCL: HC H ₂ S0 ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABI Na ₂ S ₂ O ₃ : NaSO Zn Acetate+Nat NaOH+Ascorbid	

Additional Comments:

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Relinquished by: (Signature)	A Received by: (Signature)	0	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 1/1/1/1/	JAMARA WILLEN	5	5-1-23 1531	2		
3	Junior and Comment			4		
5				6		

Released to Imaging: 9/18/2023 12:48:57 PM



May 16, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SHEBA #3

Enclosed are the results of analyses for samples received by the laboratory on 05/11/23 16:40.

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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023 Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: 237274 Sample Received By: Shari Cisneros

A ... - I. ... - - I D. ... 311 /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 123 2' (H232375-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	37.5	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	126 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 124 3' (H232375-02)

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	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	0.063	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	05/15/2023	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*	<100	100	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	401	100	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<100	100	05/13/2023	ND					
Surrogate: 1-Chlorooctane	124 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142 9	% 49.1-14	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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 125 3' (H232375-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

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

Fax

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 126 3' (H232375-04)

BTEX 8021B

	9/	9	7	= 7. 5,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 127 3' (H232375-05)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	24.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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05/11/2023

Analytical Results For:

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

Received: 05/11/2023 Sampling Date:

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 128 3' (H232375-06)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 129 3' (H232375-07)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 130 3' (H232375-08)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 131 3' (H232375-09)

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	05/13/2023	ND	1.94	97.2	2.00	3.23	
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 132 3' (H232375-10)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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05/11/2023

Analytical Results For:

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

Received: 05/11/2023

05/11/2023 Sampling Date:

Reported:05/16/2023Sampling Type:SoilProject Name:SHEBA #3Sampling Condition:Cool & IntactProject Number:237274Sample Received By:Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 133 3' (H232375-11)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 134 3' (H232375-12)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 135 3' (H232375-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Tux

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 136 3' (H232375-14)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/12/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Reported: 05/16/2023 Sampling Date: 05/11/2023
Sampling Type: Soil

Project Name: SHEBA #3 Project Number: 237274 Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 137 3' (H232375-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/12/2023	ND	213	107	200	1.29	
DRO >C10-C28*	26.2	10.0	05/12/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 138 3' (H232375-16)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	< 0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	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	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 139 3' (H232375-17)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	44.0	16.0	05/15/2023	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	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	18.3	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Analytical Results For:

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

Sampling Date:

05/11/2023

Reported:

Received:

05/11/2023 05/16/2023 SHEBA #3

Sampling Type: Soil

Project Name: Project Number: 237274 Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 140 3' (H232375-18)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	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	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	102 :	% 48.2-13	4						
Summagata: 1 Chlavoratadagana	100	0/ 40.1.14	0						

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 141 3' (H232375-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 142 3' (H232375-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	390	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	53.3	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 143 0.5' (H232375-21)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celey D. Kreine

Cardinal Laboratories

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 144 0.5' (H232375-22)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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05/11/2023

Cool & Intact

Shari Cisneros

Soil

Analytical Results For:

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

Received: 05/11/2023 Reported: 05/16/2023

05/11/2023 Sampling Date:
05/16/2023 Sampling Type:
SHEBA #3 Sampling Condition:

Sample Received By:

Project Name: SHEBA #3 Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 145 0.5' (H232375-23)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 146 0.5' (H232375-24)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	10.4	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 147 0.5' (H232375-25)

BTEX 8021B

DILX OUZID	iiig/	, kg	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023

05/16/2023

Project Name: SHEBA #3 Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sampling Date: 05/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: CS - 148 0.5' (H232375-26)

Reported:

BTEX 8021B

DIEX OUZID	11197	- Kg	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Analyzed By: JH/

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Analytical Results For:

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

05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 149 0.5' (H232375-27)

Received:

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 150 0.5' (H232375-28)

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	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	20.9	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 151 0.5' (H232375-29)

RTFY 8021R

B1EX 8021B	mg/	кд	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.01	101	2.00	2.27	
Toluene*	<0.050	0.050	05/13/2023	ND	2.07	103	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.13	107	2.00	7.91	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.32	105	6.00	4.56	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	101 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 152 0.5' (H232375-30)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 153 0.5' (H232375-31)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	< 0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	90.3	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	12.7	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Reported: 05/16/2023 Sampling Date: 05/11/2023
Sampling Type: Soil

Project Name: SHEBA #3
Project Number: 237274

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 154 0.5' (H232375-32)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	717	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	115	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 155 0.5' (H232375-33)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	213	107	200	1.29	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	100	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 156 0.5' (H232375-34)

BTEX 8021B

DIEX GOZID	ıng,	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 157 0.5' (H232375-35)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	204	102	200	2.81	
DRO >C10-C28*	12.6	10.0	05/12/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 158 0.5' (H232375-36)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 159 0.5' (H232375-37)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 160 0.5-2' (H232375-38)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 161 2' (H232375-39)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 162 2' (H232375-40)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	12.6	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 163 2' (H232375-41)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	< 0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 164 2' (H232375-42)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 165 2' (H232375-43)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	119 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 166 2' (H232375-44)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 167 2' (H232375-45)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 168 2' (H232375-46)

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	05/13/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/13/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	70.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 169 2' (H232375-47)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/14/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

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

Fax

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 170 2' (H232375-48)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/14/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Analytical Results For:

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

Fax

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 171 2' (H232375-49)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.17	109	2.00	9.73	
Toluene*	<0.050	0.050	05/14/2023	ND	2.18	109	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.14	107	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.49	108	6.00	10.9	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date:

05/11/2023

Reported: Project Name: 05/16/2023 SHEBA #3

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

237274

Sample Received By:

Shari Cisneros

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 172 2' (H232375-50)

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	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 173 2' (H232375-51)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 174 4' (H232375-52)

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	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS				15.2 16.0 16.2 16.1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 175 4' (H232375-53)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	201	101	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	70.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 176 0.5' (H232375-54)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 177 0.5-3' (H232375-55)

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	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	29.1	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 178 0.5' (H232375-56)

BTEX 8021B

	91	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil Project Name: SHEBA #3 Sampling Condition:

Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 46 0-2' (H232375-57)

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	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	1.42	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	0.910	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	3.64	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	5.97	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	05/15/2023	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*	14.8	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	152	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	39.6	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 47 0-3' (H232375-58)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.422	0.200	05/15/2023	ND	2.22	111	2.00	15.2	
Toluene*	17.9	0.200	05/15/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	11.4	0.200	05/15/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	43.4	0.600	05/15/2023	ND	6.53	109	6.00	16.1	
Total BTEX	73.2	1.20	05/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/15/2023	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*	147	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	639	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	79.5	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil
Project Name: SHEBA #3 Sampling Condition: Cool & Intact

Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 48 0-3' (H232375-59)

RTFY 8021R

B1EX 8021B	mg	/ Kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.159	0.050	05/15/2023	ND	2.22	111	2.00	15.2	
Toluene*	5.49	0.050	05/15/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	3.78	0.050	05/15/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	15.4	0.150	05/15/2023	ND	6.53	109	6.00	16.1	
Total BTEX	24.9	0.300	05/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	132	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4680	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.3	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	277	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	42.3	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023

Sampling Date: 05/11/2023
Sampling Type: Soil

Project Name: SHEBA #3 Project Number: 237274 Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

05/16/2023

Sample ID: SW - 49 0-3' (H232375-60)

Reported:

Analyte Result Reporting Limit Analyzed Method Blank BS 9 Benzene* <0.050 0.050 05/14/2023 ND 2.22 Toluene* 0.062 0.050 05/14/2023 ND 2.19 Ethylbenzene* <0.050 0.050 05/14/2023 ND 2.16 Total Xylenes* 0.229 0.150 05/14/2023 ND 6.53 Total BTEX <0.300 0.300 05/14/2023 ND	% Recovery 111 110 108 109	True Value QC 2.00 2.00 2.00 6.00	RPD 15.2 16.0 16.2 16.1	Qualifier
Toluene* 0.062 0.050 05/14/2023 ND 2.19 Ethylbenzene* <0.050 0.050 05/14/2023 ND 2.16 Total Xylenes* 0.229 0.150 05/14/2023 ND 6.53	110 108	2.00 2.00	16.0 16.2	
Ethylbenzene* <0.050 0.050 05/14/2023 ND 2.16 Total Xylenes* 0.229 0.150 05/14/2023 ND 6.53	108	2.00	16.2	
Total Xylenes* 0.229 0.150 05/14/2023 ND 6.53				
• • • • • • • • • • • • • • • • • • • •	109	6.00	16.1	
Total BTEX <0.300 0.300 05/14/2023 ND				
Surrogate: 4-Bromofluorobenzene (PID 102 % 71.5-134				
Chloride, SM4500Cl-B mg/kg Analyzed By: AC				
Analyte Result Reporting Limit Analyzed Method Blank BS %	% Recovery	True Value QC	RPD	Qualifier
Chloride 6000 16.0 05/15/2023 ND 432	108	400	0.00	
TPH 8015M mg/kg Analyzed By: MS				
Analyte Result Reporting Limit Analyzed Method Blank BS 9	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 05/13/2023 ND 184	92.1	200	1.06	
DRO >C10-C28* 22.7 10.0 05/13/2023 ND 202	101	200	0.745	
EXT DRO >C28-C36 <10.0 10.0 05/13/2023 ND				
Surrogate: 1-Chlorooctane 91.8 % 48.2-134				
Surrogate: 1-Chlorooctadecane 110 % 49.1-148				

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 50 0-3' (H232375-61)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	0.114	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	0.252	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	0.366	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	05/15/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	567	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	173	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 51 0-3' (H232375-62)

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	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	0.133	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	0.138	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	0.630	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	0.902	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	25.9	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	6 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 52 1-3' (H232375-63)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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05/11/2023

Soil

Analytical Results For:

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

.

05/11/2023 Sampling Date:

Reported: 05/16/2023 Sampling Type:

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 53 0-3' (H232375-64)

Received:

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150 <0.300	0.050 0.050 0.050 0.050 0.150 0.300	Analyzed 05/14/2023 05/14/2023 05/14/2023 05/14/2023 05/14/2023	Method Blank ND ND ND ND ND ND ND	BS 2.22 2.19 2.16 6.53	% Recovery 111 110 108 109	True Value QC 2.00 2.00 2.00 6.00	RPD 15.2 16.0 16.2 16.1	Qualifier
<0.050 <0.050 <0.150 <0.300	0.050 0.050 0.150 0.300	05/14/2023 05/14/2023 05/14/2023	ND ND ND	2.19 2.16	110 108	2.00 2.00	16.0 16.2	
<0.050 <0.150 <0.300	0.050 0.150 0.300	05/14/2023 05/14/2023	ND ND	2.16	108	2.00	16.2	
<0.150 <0.300	0.150 0.300	05/14/2023	ND					
<0.300	0.300	, ,		6.53	109	6.00	16.1	
		05/14/2023	ND					
104 9								
	% 71.5-13	4						
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0	16.0	05/15/2023	ND	432	108	400	0.00	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	05/13/2023	ND	184	92.1	200	1.06	
13.5	10.0	05/13/2023	ND	202	101	200	0.745	
<10.0	10.0	05/13/2023	ND					
93.8	% 48.2-13	4						
119 9	% 49.1-14	8						
	Result 80.0 Result <10.0 13.5 <10.0	mg/kg Result Reporting Limit 80.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 13.5 10.0 <10.0 10.0 93.8 % 48.2-13	mg/kg Analyzed Result Reporting Limit Analyzed 80.0 16.0 05/15/2023 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	104 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed ND Method Blank Result Reporting Limit Analyzed Method Blank <10.0	104 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed Nethod Blank BS 80.0 16.0 05/15/2023 ND 432 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0 10.0 05/13/2023 ND 184	104 % 71.5-134 mg/ky Analyzed By: AC Result Result Reporting Limit Analyzed Method Blank BS % Recovery Method Blank Reporting Limit Analyzed Method Blank BS % Recovery Method Blank BS Method Blank	104 % 71.5-134 mg/ky Analyzed By: AC Result Reporting Limit Analyzed Dy: MS Method Blank BS % Recovery True Value QC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	104 % 71.5-134 mg/kg Analyzed By: AC Result Reporting Limit Analyzed Nethod Blank BS % Recovery True Value QC RPD 16.0 05/15/2023 ND 432 108 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 1.00 10.0 05/13/2023 ND 184 92.1 200 1.06 13.5 10.0 05/13/2023 ND 202 101 200 0.745 410.0 10.0 05/13/2023 ND

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 54 0-4' (H232375-65)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
DRO >C10-C20									
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
				ND					

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 55 0-4' (H232375-66)

BTEX 8021B

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 56 0-0.5' (H232375-67)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: SW - 57 0.5-3' (H232375-68)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	<0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Sampling Date:

05/11/2023 Soil

Reported: Project Name:

Received:

05/11/2023 05/16/2023 SHEBA #3

Sampling Type: Sampling Condition: Sample Received By:

Cool & Intact Shari Cisneros

Project Number: Project Location: 237274

PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 58 0-0.5' (H232375-69)

3TEX 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	05/14/2023	ND	2.22	111	2.00	15.2	
Toluene*	<0.050	0.050	05/14/2023	ND	2.19	110	2.00	16.0	
Ethylbenzene*	<0.050	0.050	05/14/2023	ND	2.16	108	2.00	16.2	
Total Xylenes*	<0.150	0.150	05/14/2023	ND	6.53	109	6.00	16.1	
Total BTEX	< 0.300	0.300	05/14/2023	ND					
Surrogate: 4-Bromofluorobenzene	e (PID 104 S	% 71.5-13	1						

Surrogate: 4-Bromofluorobenzene	(PID	104 %	71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	12.9	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
-									

Surrogate: 1-Chlorooctane 93.7 % 48.2-134 Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene



Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Applyzod By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 59 0.5-1' (H232375-70)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/11/2023

Sampling Date: 05/11/2023

Reported: 05/16/2023 Project Name: SHEBA #3 Sampling Type: Soil

Project Name: SHEBA #
Project Number: 237274

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 60 0.5-2' (H232375-71)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	18.9	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	69.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

Analyzed By: 1H /

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 61 0-2' (H232375-72)

BTEX 8021B

	9/	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023

Reported: 05/16/2023

Project Name: SHEBA #3 Project Number: 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM Sampling Date: 05/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: SW - 62 0-2' (H232375-73)

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	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/15/2023	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	05/13/2023	ND	184	92.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	202	101	200	0.745	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 63 0-1' (H232375-74)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	226	113	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	217	109	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 64 0-1.5' (H232375-75)

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	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	05/15/2023	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	05/12/2023	ND	226	113	200	12.5	
DRO >C10-C28*	36.8	10.0	05/12/2023	ND	217	109	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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05/11/2023

Analytical Results For:

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

Received: 05/11/2023 Sampling Date:

Reported: 05/16/2023 Sampling Type: Soil Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 65 0-4' (H232375-76)

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	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/15/2023	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	05/12/2023	ND	226	113	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	217	109	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 66 0.5-3' (H232375-77)

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	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	< 0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/15/2023	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	05/12/2023	ND	226	113	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	217	109	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	109 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 %	6 49.1-14	8						

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Analytical Results For:

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

Received: 05/11/2023

Sampling Date: 05/11/2023

Reported: 05/16/2023 Project Name: SHEBA #3

Sampling Type: Soil

Project Name: SHEBA #
Project Number: 237274

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 67 0.5-2' (H232375-78)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	226	113	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	217	109	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Analyzed By: JH/

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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 68 0-0.5' (H232375-79)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	226	113	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	217	109	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						
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Analytical Results For:

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

Received: 05/11/2023 Sampling Date: 05/11/2023

Reported: 05/16/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 69 0.5-3' (H232375-80)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	1.81	
Toluene*	<0.050	0.050	05/13/2023	ND	2.17	108	2.00	2.40	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.12	106	2.00	2.95	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.57	109	6.00	2.37	
Total BTEX	<0.300	0.300	05/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/15/2023	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	05/12/2023	ND	226	113	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	217	109	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-04 The RPD for the BS/BSD was outside of historical limits.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

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 whistoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries of successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

CHAIN-OF-CUSTODY AND A NALYSIS REQUEST

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Released to Imaging: 9/18/2023 12:48:57 PM

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

Company Name	NIGE	70. (0.0) 000 =								BI	LL	TO					Α	NALY	SIS I	REQU	EST		
Project Manage	r: Beiley Has	hell ,						P	.0. #:	3	500	00											
Address: 70	" Beily Has	3 Blud						С	ompa	ny: F	ermi	an 1	Resources										- 1 1
city: Midle		State: TX	Zip	: 7	797	01		A	ttn: U	ontgo	ma	ry F	loye										
	2-766-1918								ddres	-													
Project #: 2	37274	Project Owne	r: ,	eri	nia	2		С	ity:														
Project Name:	Sheba #3							s	tate:		Zip:					- 1							
Project Location	1: lea lo,	MM						P	hone	#:													
Sampler Name:	lenny r	tan	_	_	_			F	ax #:		_	04140	INO										
FOR LAB USE ONLY	9					MAT	RIX	-	PRE	SERV.		SAMP	LING		-1							1 1	
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	D	ATE	TIME	BIEX	Chlomide	TPH							
1	CS- 123	2,	C	7		X				- 1	5/	11/23	11:48					_	-	-	-	-	
3	C5- 124	3'									1		11:50		1				-	-	-	+	
3	05- 125	3'	11	Ц				4					11:52	\Box	-		-	-	-	-	+-	+-+	
4	CS-126	3,	11	П				4		-			11:54	\mathbb{H}	-	-	-	-	+	-	-	+	
5	C5 127	31	11	11				+		-	\vdash		11:5%	\mathbb{H}	+	-	-	+	+	+	+	1 1	
6	65128	3'	11	1	\vdash			+		-	\vdash		-	\vdash	-	+			+			+ +	
7	05-129	3'	11	\parallel		+	H	+	1	-	H		19:00		+	+			+	-		+	
8	C5-130	3'	11	1		+	Н	+			1		12:04	\vdash	1	+			_	+		1	
9	C5-131	5,	1			1	Н	+		+			12:06	+	1	1							
analyses. All claims includ service. In no event shall C affiliates or s. cossors aris	nd Damages. Cardinal's liability and ing those for negligence and any oth cardinal be liable for incidental or co- ing out of or related to the performa	her cause whatsoever shall b	e deeme ng witho Cardina	ed wan ut limit al, rega	ration, but ardiess of	s made in siness int whether	erruption	ns. loss	s of use, o	r loss of p	rofits inc	curred by c	by the client for completion of the ient, its subsidiar isons or otherwise	ies, ie.			No .	Add'l Ph	one #				
Relinquished B	v: YUID	Date: 5/II/23 Time: 10:40 Date: Time:	R	ecei	ved E	sy:	Lu	M	el		_	,	Verbal Re All Results REMARKS	s are er	☐ Ye nailed.	Pleas		le Email	addres				
Delivered By: (C Sampler - UPS -		Observed Temp. °C		9	C	ample cool Yes	Intac	t Yes	n	CHEC	KED E	BY:	Turnaroun Thermomet Correction	erID #	113	Stand		□ Cc	ool Int	act Yes	Observe	condition ed Temp. ed Temp.	°C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	ne: NGE							- 1	F.	B	ILL TO	J. John	9				AN	ALYS	IS RI	EQUE	ST		
Project Manag	per: Beily Haguell 191 Traile winds	0, 1						1	P.O.	#: 7	35000)	T		T		T	T	T	T			
Address: 7	of Travewords	Blud						-	Com			Resource	9										
City: Mid	ounu) Sta	ate: JX	Zij	p:	797	0		1	Attn:	Manta	omany	Fand	1					1					
Phone #: 4	32-766-1918 Fax	#:							Addr		unay	Logo	1		1			-					
Project #:	737274 Proj	ect Owne	er:	Per	mix	h			ity:				1	1	1								
roject Name:	Sheba #3					1			tate		Zip:		1										
Project Location	on: by le LIM							-	hon		Zip:		1							1	ΙI		
Sampler Name	to the							-	ax#				1				1						
FOR LAB USE ONLY	13100		Т	Т		MA	TRIX	ŀ		ESERV	SAM	PLING	1										
			ĕ.	ı		1	H	1					1.	١.	ıl				1				
			(C)OMP	RS	E G	1			1	X			12	1 2									
Lab I.D.	Sample I.D.			# CONTAINERS	GROUNDWATER	SOIL		-	ij	7			RIE	(m)	I								
			(G)RAB OR	ŢN	S E			E GE	ACID/BASE:	ICE / COOL OTHER:	100		12	200		-					- 1	- 5	
632375			(6)	b #	GRC	SOIL	등	T C		ICE / CO	DATE	TIME	1		1	1						- -	
11	CS-133	3'	C	7		X					5/11/23	10.000	1	1	1		+						\dashv
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13	CS-135	3'							1		3	19:12	II	†	Ħ								
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15	C5-(37	31	Ш									12:16											
14	C5-138	31	Ш			1						12:18											1
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18	C5-140	3'	Ш									12:22									1		\exists
	C5-141	3'										12:24											\dashv
20	CS-142	31	Ш	1		1					1	12:26	1 +								-	_	\rightarrow

Relinquished By: Unm Um Relinquished By:	5/11/2-3 Time:	Received By: Shau (maid		Verbal Result: Yeal Results are emailed		Add'l Phone #: vide Email address:
Reinquished By:	Date:	Received By:		REMARKS:		13
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C.5	Cool Intact	CHECKED BY:	Turnaround Time: Thermometer ID #113 Correctlen Factor -0.6°C	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	1-113-						100	BI	LL TO					ANA	LYSIS	REQU	JEST		
Project Manag	er: Beily H	adiell	1				P.O.		35000						T		T		
Address: 70	of Travewr	Ws Blue)				Com			Resource	3								
city: Midk	une	State: I	Y Zi	p:	79701				omeny						1 1				
Phone #: 47	32-766-191						Addre	v	mag	lwgo	1							1.1	
Project #:	137274	Project Ow	ner:	Par	man		City:				1								
Project Name:	Sheba #	3			1		State		Zip:		1								
Project Location	on: les les	NN					Phon		Lip.		1								
Sampler Name	1	Han					Fax#								1 1				
FOR LAB USE ONLY	1		T	T	MA	TRIX		ESERV.	SAMI	PLING	1								
			MP.	1	œ			1/		7		2							
Lab I.D.	Sample		N(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL	OTHER:	ICE / COOL OTHER:	DATE	TIME	BIES	Ch land	Hdi					Ĭ.	
21	CS-143	0.5	C	1	X				5/11/23	12:26			1						\top
23	CS-144	0.5'		11					1	12:30									\top
23	CS-145	0.5'		П						12:32									\top
24	C5-146	0.51		П						12:34									
	C5-147	0.5'	-11	П						12:36				4					
	CS-148	0.5'	-11	\mathbb{I}						12:38									
	C5-149	0.5' 0.5' 0.5' 0.5'	11	1						12:40									
	C5-150	0.5'	-							12:42									
019	C5-151	0.5	-11							12:44									
20	CS-152	0.5'	- 11	1	1 1				L	12:46	7	1	1						

Affiliates or a consecus wising out of or related to the p Relinquished By: Unmy Ummy Relinquished By:	Date: 5/11/23 Time:	Received By:	400	Verbal Result: ☐ Ye All Results are emailed		Add'l Phone #: ride Email address:	
Relinquished By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #113 Correction Factor -0.6°C	Standard Rush	☐ Cool Intact ☐ Yes ☐ Yes	Sample Condition Observed Temp. °C Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	ne: NGE							1	257	B	ILL TO		8		_	_	ANA	II Vei	e pr	QUE	27		
Project Manag	er: Beily	Hadie a						P	2.0. #		35000	O LINE STATE	1	T	T		AN	LISI	S RE	QUE	51	_	_
Address: 70	21 Trave	winds Blue)					-	_			Resource								1 1		-1	
city: Midle	ane	State: 1	71	in:	79	20							4	1									
Phone #: 4	32-766-	1918 Fax#:	-	р.	/ 1/						orneny	Tloye	1							1 1			
Project #: 237274 Project Owner: Permian Project Name: Sheba # 3							ddres	38:			-					1							
							ity:				-												
							tate:		Zip:		1			1									
Sampler Name	lenn	1 HA							hone	#:			1										
Project Location: Les Co, UM Sampler Name: Lenny Ham FOR LAB USE ONLY MATRIX						Fa	ax #:	0===			1												
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34	CS-158	0.5		1/								12:58	Н	+	H	+			-	-	-	+	+
37	CS-159 CS-160	0.5'										1:00	Н	+	+				-	+	-	+	+
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alyses. All claims including	g those for negligence and	ity and client's exclusive remedy for a any other cause whatsoever shall be if or consequental damages, includin	any claim deemed	waive	g whether id unless	r based in	n contract	t or tort, d receiv	shall be	limited to	the amount paid	by the client for	the			_			_	_		_	_
liates or a conssora arising	nout of or related to the on	formance of services hereunder by (g without Cardinal,	limitat	tion, busin diess of w	ness inter thether s	muptions, uch claim	loss of	use, or lo	ss of prof	its incurred by cl	lent, its subsidiari	es,	0									
/ ,		Date: 5/11/2-3	Rec	ceiv	ed By	:				ing or this t		Verbal Res	sult:	☐ Ye		No	Add'l F	hone #:		_	_		_
Lany /	(in	Time: 40	1	ho	A ra	_/), w	70	2 10	~	- 1	All Results	are em	ailed.	Plea	se prov	ide Ema	il addre	ss:				
elinquished By:		Date:	Rec	eiv	ed By		NI	W	100	8		REMARKS											
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		Observed Temp. °C	0.0		Coc	ol In	onditi			ECKE (Initial		Turnaround	Time:		Stan	dard		Bacteria	(only)	Sample	Conditi	on	
		Corrected Temp. °C	3.5	2	9	Yes	Yes	3	1	(V)	, b	Thermometer		13	Rush		Ц 9	Ool Int	Yes	Obser	ved Ten	np °C	
FORM-000 R	us - Other:	Corrected Temp. °C	3.5	2			Yes No			(Initial	ls)		ID #1	13	Rush	Jaru	Ц 9	Ool Int	Yes	Obser	Conditi ved Ten	np °C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	e: NG	E							0.5	B	ILL TO	A CONTRACTOR	1	_	_		NALY	/ele	DEC	IFOT			_
Project Manage	er: Beil	y Hagell Dewnos	~ 1						P.O. #		35000	Contract Con	1			Ť	TANE I	313	REWI	DESI	_		_
Address: 70	1 Tray	Dewnos	Blud						Comp			Resource											1
City: Midla	ne	Stat	e: IX	Zip:	79	70	1						1		1 1							1	1
Phone #: 43	2-766	- 4(8 Fax #			, , ,				Addre		omeny	loye	1	1 1	1 1			- 1				1	1
Project #: 2	37274	Proie	ct Owner:	12	Ymia			_	City:	55.			1		ш			- 1					-
Project Name: Sheba #3						- 1	-				1		1 1			- 1					1		
						-1	State:		Zip:					- 1					1		1		
Sampler Name:	THE STATE OF THE S	co, MM enny Han						- 1	Phone														1
FOR LAB USE ONLY MATRIX							Fax #: PRESERV SAMPLING																
Lab I.D.		ample I.D.	,	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE		ICE / COOL	DATE	TIME	BIEX	Chlomide	Hdi								
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42	CS-165 CS-166 CS-166) ;	2',	\coprod							1	1:10	11		11	1		+	+	-			+
45	CS-165	9		\square								1:12			11	+	_	+	+	-			H
44	CS-166	2		П							1	1:14	1	11	+			-	-	+		_	+
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46	C5-168	g	1'	1/								1:18		11		1	1	100		+			H
47	CS-169	6	,	11								1:20	11	11	11	1	+	1	1	+			⊦
48	C6-178			11								1:22	11	T	11		+	+	+				H
(7)	CS-17			11								1:24	11	T	11			+	+	1			H
ASE NOTE: Liability and D	CS-17	for Bobillia and all and	- 1	4		1					+	1:26	+	1	1			+	+		-		-
ice. In no event shall Card	nal be liable for in out of or related to	is liability and client's exclusive ree and any other cause whatsoe cidental or consequental damag the performance of services her Time: Date: Time: Observed Ter	es, including withous sunder by Cardina Re	ut limita il, regar ecelv	tion, busin diess of w red By ed By	hess interhether s	Condit	loss of 3 bes	O(0)	arcanal wit oss of prof any of the	nin 30 days after of this incurred by clie above stated reas	completion of the including the control of the cont	ilt: [Yes liled. F		rovide E	/	dress:					
npler - UPS - Bu		Corrected Te	mp. °C 3-	2	Co	ol di	tact Yes			(Initial	is)	nermometer li	D #11	R	tandard ush		Cool	Intact	Ot	ple Con served	Temp. °	C	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Nam	10111-						B	ILL TO	Rep. A.				ANALYSI	S REO	IEST	
Project Manager: Beiley Hadiell							P.O. #: 35000					T	THE TOTAL	I I	T	
Address: 70	of revenues Blue					Com		Permiran				1 1	1 1		1 1	
City: Midly		X zi	p:	79701	1	Attn:	Marta	omeny	Fland	1						
Phone #: 437 - 766 - 1918 Fax #:						Addre		ornery	Twye	1	1	-	1 1	1 1		
Project #: 237274 Project Owners Decourse										1		1 1			1 1	
Project Name: Sheba #3						City:		7im.		1	1	1 1	1 1		1 1	
Project Location: Jes LIM								Zip:		1		1 1	1 1		1 1	
Project Location: Lea Co, NN Sampler Name: Lennu Hun						Phone				1	1	1 1	1 1		1 1	
FOR LAB USE ONLY MATRIX					TRIX	Fax #	ESERV	SAM	PLING	4						
		ĕ.	1		TT			J SAM	LING	1					1 1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL	OTHER: ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	RIEX	Ch long	TPH				
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52	CS-174 4'	1	Í	li				2/11/2)	1:28	H	1	+	+	-		
53	CS- 175 4'	11	П				-		1:32	H	+			-	+	_
54	C5-176 6.5'							1	1:34	H	H	+		_	+	_
55	CS-177 0.5-3		I						1:36	+	H	+	+	-	+	_
56	C5-178 0.5' SW-46 0-2'		I						1:38	Н		+	+		+	-
57	SW-46 0-2'		Ш						1:40	Н	+	11	+	-	+	-
58	SW-47 0-3'								1:42	H				-	++	
	SW-48 0-3'								1:44	H		11		_	++	
59	SW-49 ()-31									1 1	1	1 1				

Relinquished By: Unity Uly Relinquished By:	5/11/23 Time:	Received By: Received By:	Verb.	al Result:		Add'I Phone #: vide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Cool Intact	(Initials)		Standard Rush	Bacteria (only) Sample Condition Cool Intact Obser ed Temp. °C Yes Yes No No Corrected Temp. °C

4:37:54 PM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Nam	e: NIGE								30	B	ILL TO	Sales to	8			-	ANAL	YSIS	REQ	UEST	Г		_
Project Manage	e: NGE ar: Berley H	ladica -						7	2.0.		35000		T	Т	Т		T	T		T		T	Т
Address:	1 /rule way	nds Blud						d	omr	anv:	Perminan	Resource											ı
city: Midle	une)	State: 1X	Zi	p:	797	10		1	ttn:	llasta	omeny	Fland	1										١
	32-766-19	(8 Fax #:							ddre		ornery	wye	1	Ĺ			- 1			-		1	ı
Project #: 2	37274	Project Owne	r.	12	mix			-	ity:				1									1	ı
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Project Locatio	n: /n	1/1/	-					-	tate:		Zip:		1	1				- 1				1	
Sampler Name:	the said	V-10		-				-	hone	-			1	1								1	l
FOR LAB USE ONLY	IMPIG	rari	_	Т		MAT	PIY	F	ax #:	ESERV	T CAN	PLING	4	1		ĺ							l
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64	SW-53	0-3'	11	H		H	+	+			1	1254	+	\vdash	Н		-	-	+	+	-		-
65	Sw-54	0-4'	1	H			\top	1		+		1:56	11	\vdash	Н	-	-	+	+	+	+	1 1	-
lde	SW-55	0-41	1	1			+	+		+		1:58	+	+	H	\rightarrow	-	+	+	+	+	+	
67	SW-56			1			+	1				2:00	11	+	H	-	\rightarrow	+		+	+	+	-
68	Sw-5>						+	+				2:03		+		-	+	-			+		
69	SW-58	0-0.5		\dagger			+	1				2:04		+	H	\rightarrow	-	-	-	+	-		
70	SW-59	0.5-11	H	4		1	1				1	2:06	+	1		-	-	_	+	+	-	+	-
EASE NOTE: Liability and	Damages. Cardinal's liability ar	nd client's exclusive remedy for an other cause whatsoever shall be d	ny claim	arisin	g whether t	ased in	contrac	t or to	t, shall	e limited t	o the amount pai	11	the				_		_	_			_

Iffiliates or a conscion entiting out of or related to the p Relinquished By: Unmy Um Relinquished By:	Date: 5/11/2-3 Time: 16:40	Received By:	0100	TAY A 1 M	es 🗆 No d. Please pro	Add'l Phone #: vide Email address:
Relinquishød By:	Date:	Received By:		REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Ook Intact	CHECKED BY:	Turnaround Time: Thermometer ID #113 Correction Factor -0.6°C	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

Page 90 of 90



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

ress: 701 Trave words Blvd Midland State: IX zip: 79701 ne #: 432-766-19(8 Fax #: pot #: 237274 Project Owner: Pamian oct Name: Sheba # 3 oct Location: Jea Lo, UM oler Name: Jenny Han	P.O. #: 35000 Company: Permittan 1 Attn: Mantgorn Ony Address: City: State: Zip:	Resources Floye		ALYSIS REQUEST	
Midland State: IX zip: 79701 ne #: 432-766-19(8 Fax #: net #: 237274 Project Owner: Pamian ct Name: Sheba # 3	Attn: Wantgomery Address: City: State: Zip:	Resources Floyd			
ne #: 43 h - 766 - 1918 Fax #: pot #: 237274 Project Owner: Parman pot Name: Sheba # 3	Address: City: State: Zip:	Floye			
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ct Name: Sheba #3	State: Zip:			1 1 1 1 1	
1.)					
oler Name: Jenny Han			1 1 1 1		
Herny Han	Phone #:				
	Fax #:				
		ING			
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Sample I D		13	2		
Sample I.D.	OF SE	It	Lens)		
S)RAB	JDGI JCO JCO JCO	87E	79		
	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	75		
71 Sw-60 0.5-2' C7 X 72 Sw-61 0-2' 1 1 1	5/11/23	2:08	111		-
73 Sw-62 0-2'		2:10			
73 Sw-62 0-2'		22/2			-
74 SW-63 0-1' 75 SW-64 6-1.5'		2:14	111111		
74 Sw-63 0-1' 75 Sw-64 6-1.5' 76 Sw-65 8-4'		2:16			
77 SW-66 0-4	3	2:18			
74 Sw-63 0-1' 75 Sw-64 6-1.5' 76 Sw-65 8-4' 77 Sw-66 0.5-3' 78 Sw-67 0.5-2' 79 Sw-68 0-6.5'		2:20			
79 SW-68 0-0.5'		1:22			-
80 S(1)-46 A=2'		:24			
E- Hability and O	1 2	:26 +	1 1 1		
Justims and parmages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in co clients including those for negligence and any other cause whichsover shall be deemed waived unless made in writing event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interest consecus arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such.	ract or tort, shall be limited to the amount paid by the and received by Cardinal within 30 days after com-	he client for the			
The perior mance of services hereunder by Carrinal recordings of the services	ns, loss of use, or loss of profits incurred by client, it sin: I based upon any of the above stated reasons	ts subsidiaries, or otherwise			
Date: 5/11/2-3 Received By:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	roal Result:	Yes No Add'l Ph	one #:	
shed by:	ION DIAM	results are ema	iled. Please provide Email	address:	
Shard By: Date: Received By:	DE	MARKS:			
Time:	NE.	mritto.			
By: (Circle One) Observed Temp. °C 🔞 🐰 Sample Con			/		
IJPS - Pure Others Sample Con Cool Intac	(Initials)	naround Time:	Standard Ba	acteria (only) Sample Conditi	ion
Corrected Temp. °C 3 2 Yes 27	es M Therr	mometer ID #113 ection Factor -0.6	1.0311	ol Intact Observed Ten	np. °C



May 22, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SHEBA #3

Enclosed are the results of analyses for samples received by the laboratory on 05/17/23 12:05.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



05/16/2023

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Sampling Date:

Received: 05/17/2023
Reported: 05/22/2023
Project Name: SHEBA #3

05/22/2023 Sampling Type: SHEBA #3 Sampling Condition: 237274 Sample Received By:

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 11A (5') (H232496-01)

Project Number:

BTEX 8021B

BIEX 6021B	ilig/	r kg	Allalyze	и ву: эп					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	0.053	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 19A (5') (H232496-02)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 20A (5') (H232496-03)

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	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	11.3	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 21A (5') (H232496-04)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 30A (5') (H232496-05)

BTEX 8021B

DIEX GOZID	11197	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	11.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 33A (5') (H232496-06)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Analyzed By: JH

Received: 05/17/2023

Sampling Date:

05/16/2023

Reported: Project Name: 05/22/2023 SHEBA #3

mg/kg

Sampling Type:

Soil Cool & Intact

Project Number:

BTEX 8021B

237274

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 37A (4.5') (H232496-07)

DIEX GOZID	11197	K9	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 38A (4.5') (H232496-08)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 40A (4.5') (H232496-09)

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	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	19.1	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 42A (4.5') (H232496-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	15.6	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 43A (4.5') (H232496-11)

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	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 44A (4.5') (H232496-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	59.7	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 51A (4') (H232496-13)

BTEX 8021B

DIEX GOZID	11197	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 53A (4') (H232496-14)

BTEX 8021B

DILX GOZID	11197	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 57A (4') (H232496-15)

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	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	220	110	200	0.527	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	217	109	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: JH

Received: 05/17/2023

Sampling Date: 05/16/2023

Reported: 05/22/2023 Project Name: SHEBA #3 Sampling Type: Soil
Sampling Condition: Cool & Intact

Project Number: 237274

Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 63A (4') (H232496-16)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 71A (3.5') (H232496-17)

BTEX 8021B

DIEX GOZID	11197	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.1	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 77A (4') (H232496-18)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 83A (4') (H232496-19)

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	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	< 0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	< 0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 71.5-13	4						
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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	92.3 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 %	6 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 85A (4') (H232496-20)

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	05/19/2023	ND	2.29	114	2.00	0.0265	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	1.10	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.44	122	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	7.19	120	6.00	2.57	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 87A (4') (H232496-21)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 237274

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 92A (4') (H232496-22)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 96A (4') (H232496-23)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 102A (3.5') (H232496-24)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023

 05/17/2023
 Sampling Date:
 05/16/2023

 05/22/2023
 Sampling Type:
 Soil

Project Name: SHEBA #3 Project Number: 237274

Reported:

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 104A (4.5') (H232496-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 109A (4.5') (H232496-26)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	0.104	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 116A (5') (H232496-27)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: CS - 120A (5') (H232496-28)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	0.337	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	0.095	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	0.222	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	0.654	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	12.1	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: CS - 121A (5') (H232496-29)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	0.112	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	62.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 1A (0-5') (H232496-30)

RTFY 8021R

BIEX 8021B	mg	^и кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 3A (0-5') (H232496-31)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	40.6	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	15.8	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	18						

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Celey D. Keene



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 10A (0-5') (H232496-32)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	18.1	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 12A (0-5') (H232496-33)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 15A (0-4.5') (H232496-34)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
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	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 19A (0-5') (H232496-35)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	167	83.4	200	2.55	
DRO >C10-C28*	20.4	10.0	05/19/2023	ND	187	93.6	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 20A (0-4') (H232496-36)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	05/19/2023	ND	400	100	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	35.7	10.0	05/18/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 26A (0-4') (H232496-37)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
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	05/19/2023	ND	400	100	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	05/18/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	61.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 27A (0-4') (H232496-38)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	05/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	26.9	10.0	05/18/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 29A (0-4') (H232496-39)

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	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	400	100	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	05/18/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: PERMIAN RESOURCES-LEA CO., NM

mg/kg

Sample ID: SW - 32A (0-3') (H232496-40)

BTEX 8021B

DILX GOZID	11197	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.19	110	2.00	0.898	
Toluene*	<0.050	0.050	05/20/2023	ND	2.24	112	2.00	0.483	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.37	119	2.00	0.126	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.99	117	6.00	0.364	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 33A (0-3') (H232496-41)

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	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 34A (0-3') (H232496-42)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 35A (0-4') (H232496-43)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 37A (0-3') (H232496-44)

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	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 38A (0-4') (H232496-45)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
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	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 39A (0-3') (H232496-46)

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	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact
Project Number: 237274 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 41A (0-3') (H232496-47)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	18.9	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 42A (0-3') (H232496-48)

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	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	109 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 05/17/2023 Sampling Date: 05/16/2023

Reported: 05/22/2023 Sampling Type: Soil

Project Name: SHEBA #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237274 Tamara Oldaker

Project Location: PERMIAN RESOURCES-LEA CO., NM

Sample ID: SW - 43A (0-3') (H232496-49)

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	05/20/2023	ND	2.16	108	2.00	2.65	
Toluene*	<0.050	0.050	05/20/2023	ND	2.19	109	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.27	113	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.67	111	6.00	4.35	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500CI-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	05/19/2023	ND	400	100	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	05/19/2023	ND	168	84.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	168	84.2	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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. Freene

Chain of Custody



Work Order No: H2324

Company Name: N	TG Environmental			Bill to	o: (if diffe	erent)	1	4ontac	merv	Floyd	11-0					Page _ 1 of 5
Address: 70	1 Tradewinds Blvd.				pany Nar	me:	F	ermie	n Res	ources	NTG			Work O	Orde	r Comments
City, State ZIP: Mi	dland TX, 79701			Addre	ess:		3	00 N	Maio	ources			Program: UST/PS	PR	П	
	2-766-1918			City,	State ZIP		N	lidland	TV	nfeld, Suite	1000		State of Project:			
Project Name:			Ema	ail:			4	3	1 1,7	9/01			Reporting:Level	Level I	П	PST/IIIT TOTA
Project Number:	Sheba #3		Te	urn Aroun	d		100	S N					Deliverables: EDD	7		
roject Location	237274		✓ Routine	☐ Ru		Pres	- 1	1 5	-	33	ANALYS	SIS REC			7,00	aP1LI Other:
ampler's Name:	Lea Co, New Me	xico	Due Date:	1	-5/1	Code	0	185		0		1	QUEST	-		Preservative Codes
O#.	Kenny Han		TAT starts the	ne day reset			13	1		1	4	+		-		None: NO DI Water: H ₂ O
AMPLE RECEIPT	35000		lab, if red	ceived by 4:	30pm	1	0	MROJ		1						Cool: Cool MeOH: Me
eceived Intact:	Temp Blank:	Yes No	Wet Ice:		No	ters	1	av +		10						HCL: HC HNO3: HN
oler Custody Seals:	Yes No NA	Thermom		77		Parameters	80218	+ DRO	4500	18						H ₂ S0 ₄ : H ₂ NaOH: Na
mple Custody Seals:	Yes No (N/A)	Correction			60	Para	8 X	GRO +	de 4	3						H₃PO₄: HP
tal Containers:	49	Temperati	ure Reading:	1.75	0 8		BTEX	0)	Chloride	1		1 1				NaHSO ₄ : NABIS
Sample Identificati		Corrected	Temperature:	-5,	6°			8015M (0	12				:	- 1	Na ₂ S ₂ O ₃ : NaSO ₃
	on Date	Time	Soil	Water	Grab/	# of	+	TPH 8		13						Zn Acetate+NaOH: Zn
CS-11A (5')	5/16/2023	12:40	12.27	water	Comp	Cont		F		0					-	NaOH+Ascorbic Acid: SAPC
CS-19A (5')	5/16/2023	12:42	Х		Comp	1	x	x	x	1						Sample Comments
CS-20A (5')	5/16/2023	12:44	X		Comp	1	x	x	×	V					-	
	5/16/2023	12:44	X		Comp	1	х	X	x	1					+	
CS-21A (5')	0/10/20/3	1 (4.40)	X		Comp	1	x	x	x	+					+	
CS-21A (5') CS-30A (5')					-		1.4	~	^							
CS-21A (5') CS-30A (5') CS-33A (5')	5/16/2023	12:48	х		Comp	1	x	x	v I							
CS-21A (5') CS-30A (5') CS-33A (5') CS-37A (4.5')	5/16/2023 5/16/2023	12:48 12:50	х	(1	x x	x	X					-	-	
CS-21A (5') CS-30A (5') CS-33A (5') CS-37A (4.5') CS-38A (4.5')	5/16/2023 5/16/2023 5/16/2023	12:48 12:50 12:52	x x	(Comp	-	-	x	х							
CS-21A (5') CS-30A (5') CS-33A (5') CS-37A (4.5') CS-38A (4.5') CS-40A (4.5')	5/16/2023 5/16/2023 5/16/2023 5/16/2023	12:48 12:50 12:52 12:54	X X X	0	Comp	-	х	x x	x x							
CS-21A (5') CS-30A (5') CS-33A (5') CS-37A (4.5') CS-38A (4.5')	5/16/2023 5/16/2023 5/16/2023	12:48 12:50 12:52	x x	0	Comp Comp	1 1 1	x x	x x	х							

Note: 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 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 clearly control of 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 the cost of sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Stellinquished by: (Signature)	Received by: (Signature)	tted to Xenco, but not analyzed. The	nt if such losses are due to circumstances beyonse terms will be enforced unless previously ne	nd conditions and the control	
o augge	File	Sale/Time	Relinquished by: (Signature)	Received by: (Signature)	
sived		3/17/25 8:40m	4	Millian Ustable 5-17-23	170
Reco			6	3-17-5	,,,,

Project Manager:

Company Name:

City, State ZIP:

Project Name:

Project Number:

Project Location

Sampler's Name:

Address:

Phone:

Becky Haskell

432-766-1918

NTG Environmental

701 Tradewinds Blvd.

Sheba #3

237274

Lea Co, New Mexico

Kenny Han

Midland TX, 79701

Chain of Custody

Montgomery Floyd

Permian Resources

Midland TX,7970

300 N. Marieofeld, Suite 1000

NTG

Relinquished by: (Signature)

ANALYSIS REQUEST

Bill to: (if different)

Company Name:

City, State ZIP:

Pres.

Address:

Rush

Turn Around

TAT starts the day received by the

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 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 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 enforced unless previously negotiated.

Received by: (Signature)

Email:

✓ Routine

Due Date:

Work Order No: Ho

Page **Work Order Comments** Program: UST/PS PR Brownfie s RIC Supe State of Project: Reporting:Level Level PST/U TRP Le Deliverables: EDD ADaPT Other: **Preservative Codes** None: NO DI Water: H₂O Cool: Cool MeOH: Me HCL: HC HNO3: HN H2SO4: H2 NaOH: Na H₂PO₄: HP

	Tomas Di			eived by 4	Sopin		100	MRO)		0	- 1	1				1 1		HCL: HC HNO: HN
Received Intact:	Temp Blank:	Yes No	Wet Ice:	No.	24-	rameters	151	0 0	1 -	1						1 1		11103. 1114
	Yes No	Thermom			No	ag .	1 B	DR	4500	1h			1 1			1 1		
Cooler Custody Seals: Ye	es No (N/A)	Correction			3	ara	8021	o		10			1 1	- 1				H₃PO₄; HP
Comple O	es No N/A	of the second		-0	les	4	E	(GRO	Chloride	2			1 1	- 1			1 PC	NaHSO ₄ : NABIS
otal Containers:	49		ure Reading: Temperature:	-5,			1 00	8015M	5	1		1					-	Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn
Sample Identification	Date	Time	Soil	Water	Grab/	# of		TPH 80		131								NaOH+Ascorbic Acid: SAPC
CS-43A (4.5')	4/26/2023	1:00	X		Comp	Cont								- 1				Sample Comments
CS-44A (4.5')	4/26/2023	1:02			Comp	1	X	х	X	V							+	
CS-51A (4')	4/26/2023	1:04	Х		Comp	1	X	X	х	1				_			+	
CS-53A (4')	4/26/2023		Х		Comp	1	х	X	х			1	+	_	+		-	
CS-57A (4')		1:06	Х		Comp	1	х	х	x			-	1	-	+			
CS-63A (4')	4/26/2023	1:08	X		Comp	1	х	х	x		+	+		_	1			
	4/26/2023	1:10	x		Comp	1	х		-		-	-						
CS-71A (3.5')	4/26/2023	1:12	x		Comp	1		X	Х									
CS-77A (4')	4/26/2023	1:14	x		Comp	1	X	X	Х									
CS-83A (4')	4/26/2023	1:16	X			1	X	X	х									
CS-85A (4')	4/26/2023	1.10	-		Comp	1	Х	X	X							_		
Additional Commen	ts: * Cus	ton.	x regu	+	Comp	1	х	х	X									

Date/Time

8:40an

Date/Time

Received by: (Signature)

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Project Manager: E	ecky Has	kell			Rill to	: (if differ	nest)												Page3 of
Company Name: N	TG Enviro	onmental				pany Nam				nery F		NTG	1			W	ork Or	rder	Comments
	01 Tradew	vinds Blvd.			Addre		ie:			Reso				Progr	am: US	T/PS	PR] E	Brownfie s R S
	idland TX	79701				State ZIP					eld, Suite 1	000		State	of Proje	ct:			MD 3
none: 4:	32-766-19	18		Emai	200	otate ZII		IVIIC	lland	TX,79	XQ1				ing:Leve		Level [PST/U{] TR[]
oject Name:		Sheba #3		To				A	100					Deliver	ables:	EDD	-	ADa	aPT□ Other:
ject Number:		237274		✓ Routine	rn Aroun		Pres.	12	1	-	3	ANAL	YSIS RE	QUEST					Proconstitus 2
ect Location	Lea	Co, New Mexi	ico	Due Date:	1	usit	Code	1	4	+	2.6.								Preservative Codes None: NO DI Water
npler's Name:		Kenny Han		TAT starts the	e day rece	ived by the		Br	5 6		5								
MPLE RECEIPT	1	35000	seri .	lab, if rec	eived by 4	:30pm	en.	20	+ MRO)					1 1					HCL: HC HNO ₃ : HN
ived Intact:		emp Blank;	Yes No	Wet Ice:	Yes	s) No	Parameters	8	+ DRO +		10	1 1		1 1		1 1			H ₂ S0 ₄ : H ₂ NaOH: Na
er Custody Seals:	Yes	Yes No	Thermom		(/	13	ram	3021	1 +	450	10			1 1					H ₃ PO ₄ : HP
ple Custody Seals:	Yes	1000	Correction		-6	2.10c	Ра	BTEX 8021B	GRO	Chloride 4500	0							HOLD	NaHSO ₄ : NABIS
Containers:	100	49		ure Reading: Temperature:	-5	.0€		, m	SM (등	1						1 :	7.0	Na ₂ S ₂ O ₃ ; NaSO ₃
Sample Identific		Date	Time	Soil Soil	Water	Grab/	# of		TPH 8015M (GRO		346								Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-87A (4')		5/16/2023	1:20	X		Comp	Cont				7								Sample Comments
CS-92A (4')		5/16/2023	1:22	X		Comp	1	Х	Х	Х	V							+	
CS-96A (4')		5/16/2023	1:24	x		Comp	1	X	Х	Х	1							+	
CS-102A (3.5		5/16/2023	1:26	x		Comp	1	X	X	Х								+	
CS-104A (4.5		5/16/2023	1:28	x		Comp	1	X	X	X	+							+	
CS-109A (4.5		5/16/2023	1:30	X		Comp	1	X	X	X								1	
CS-116A (5')		5/16/2023	1:32	x		Comp	1	X	X	X		-						1	
CS-120A (5') CS-121A (5')		5/16/2023	1:34	x		Comp	1	x	X	x		-							
SW-1A (0-5')		5/16/2023	1:36	х		Comp	1	X	x	X		-							
344-14 (0-5.)		5/16/2023	1:38	х		Comp	1	x	x	X		_							

otice: 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 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 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 enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	D	Relinquished by: (Signature)	Received by: (Signature) / Date/Time
Received			4	JULIANG WHOLES 11-23 1

Released to Imaging: 9/18/2023 12:48:57 PM

Chain of Custody

Work Order No: <u>H232494</u>

So of 56

Project Manager:	Becky Hask	ell			Dill to	A COR LANGE	2.00	1					_								Page 4	of 5
Company Name:	NTG Enviro	nmental			1	: (if differ				mery F			TG					1	Work	Orde	r Comments	_of5_
Address:	701 Tradew				The second second	any Nam	e:	Per	rmiar	Reso	urces					Progra	m· IIS			-		-
City, State ZIP:	Midland TX,				Addre			300	N. N	Marien	feld, S	Suite 1	000			State o	f Proje	ect.	1	Ш	Brownfie ☐s R[Sup
	432-766-191				City, S	State ZIP:				TX,79					_	Reportin			Leve		DOT::: 0	
	452-700-191	0		Emai	1:			•	3							Delivera					PST/U[] TR[P Le
Project Name:		Sheba #3		Tu	rn Aroun	d		A	2		1	1	Control				ibles.	CUL	1	ADa	aP1□ Other:	
Project Number:		237274		✓ Routine	Ru		Pres.	195	1/2	_	1.6	7	ANAI	LYSIS	REQU	EST					Preservative	Codes
Project Location	Lea	Co, New Mexic	00	Due Date:	1		Code	3	1	+	1	18										Water: H ₂
Sampler's Name:		Kenny Han		TAT starts the	e day recei	hand by the		101	1 5		1	0										
0#:		35000		lab, if rec	eived by 4:	:30pm		103	+ MRO)		1										1101 110	eOH: Me
AMPLE RECEIP	- "	emp Blank:	Yes No) Wet Ice:	Yes	s) No	Parameters		0,	-	11	2										NO ₃ : HN OH: Na
eceived Intact:	J	es No	Thermom			3	ame	218	1 4	4500	13	2									H ₃ PO ₄ : HP	OH. Na
ooler Custody Seals:	Yes	No N/A	Correction		-0	160	Pari	X 80	8	ide	0	\$								9	NaHSO ₄ : NABIS	
ample Custody Seals	Yes		Temperat	ure Reading:	-5	108		BTEX 8021B	0	Chloride 4500	1	1								HOLD	Na ₂ S ₂ O ₃ : NaSO ₃	
otal Containers:	_4	49		Temperature:		.62			015	1	13	+									Zn Acetate+NaOH: Z	'n
Sample Identif		Date	Time	Soil	Water	Grab/	# of Cont		TPH 8015M (GRO + DRO		81									4	NaOH+Ascorbic Acid	
SW-3A (0		4/27/2023	1:40	X		Comp	A CONTRACTOR					/									Sample Com	ments
SW-10A (0		4/27/2023	1:42	х		Comp	1	Х	X	X	V											
SW-12A (0		4/27/2023	1:44	X		Comp	-	Х	X	X												
SW-15A (0-		4/27/2023	1:46	x			1	Х	Х	Х												
SW-19A (0		4/27/2023	1:48	x		Comp	1	Х	Х	Х												
SW-20A (0-	-4')	4/27/2023	1:50	x		Comp	1	х	X	Х												
SW-26A (0-	-	4/27/2023	1:52	X		Comp	1	х	X	х												
SW-27A (0-	4')	4/27/2023	1:54	×		Comp	1	X	Х	х										-		
SW-29A (0-	4')	4/27/2023	1:56		_	Comp	1	X	х	х									-	-		
SW-32A (0-	3')	4/27/2022	4.50	X		Comp	1	x	X	х									-	-		
Addis:			1.00	Х		Comp	1	X	X	x									+	-		
vice Years will be lieb!	ment and reiniqu	: * Cus	s constitutes	a valid purchase	order from	client asses																
vice. Xenco will be liable nco. A minimum charge Relinquished by: (Si	of \$85.00 will be	applied to each pro	hall not assur ject and a ch	me any responsib	ility for any	losses or e	xpenses in	curred	by the	s and su client if	such lo	actors. I	t assigns	s standar	d terms	and cond	litions					
Relinquished by: (Si	ionatura)			y: (Signature	n sample s	ubmitted to	Xenço, bu	t not an	alyzed.	These t	erms w	ill be ent	orced ur	nless pre	viously	yond the	control					

5/17/23 6:40

Revised Date 05012020 Rev. 2020 1

Date/Time

Received by: (Signature)

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A STATE OF THE PARTY OF THE PAR	Becky Hasi				Bill to	: (if differ	ent)	M	ontaor	mery F	loud	1	177								Page5 of
Company Name:	NTG Enviro				200	pany Nan						/	ITG					W	ork O	rder	r Comments
Address:	701 Tradew	inds Blvd.			Addre		ic.				urces				Pr	ogram:	UST				Brownfie ☐s R ☐: S
City, State ZIP:	Midland TX	79701			-			30	0 N. N	Marien	feld, S	uite 10	00			ate of F					, KD 3
Phone:	432-766-19	18		Emai		State ZIP	:	Mid	dland	TX,79	701				Re	porting	Level	0 L	evel I		PST/U⊕ TR□
Project Name:				Emai	1:1			D	10						De	liverabl	es: E				aPT□ Other:
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		237274		☑ Routine	R	ush	Pres. Code	1	V	T	10	M' I	ANALI	SIS RE	QUES	ST					Preservative Codes
roject Location ampler's Name:	Lea	Co, New Mexi	CO	Due Date:			-	19	7		1	K'	-	-	+	-					None: NO DI Water:
0 #:		Kenny Han		TAT starts the	day rece	ived by the		130	0 0		S										Cool: Cool MeOH: Me
AMPLE RECEIP	-	35000		lab, if rec	eived by 4	:30pm	100	13	+ MROJ	1	6.										HCL: HC HNO ₃ : HN
eceived Intact:		emp Blank:	Yes No	Wet Ice:	Ye	s No	Parameters	0			1										H ₂ SO ₄ : H ₂ NaOH: Na
oler Custody Seals:		Yes No	Thermom	eter ID:	(1)	3	am	0218	1	450	ada								- 1		H ₃ PO ₄ : HP
mple Custody Seals	Yes		Correction	n Factor:	-0	lai	Par	BTEX 8021B	38	Chloride 4500	0									НОГР	NaHSO ₄ : NABIS
tal Containers:	Yes			ure Reading:	-5	10°		BT	×	SH _S	K,					1 1				유	Na ₂ S ₂ O ₃ : NaSO ₃
oritaniois.		49	Corrected	Temperature:	-5	.6 c			8015M (GRO + DRO		13	`									Zn Acetate+NaOH: Zn
Sample Identif	1	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH 8		0										NaOH+Ascorbic Acid: SAPC
SW-33A (0		5/16/2023	2:00	X		Comp	1	-				1									Sample Comments
SW-34A (0		5/16/2023	2:02	х		Comp	-	X	X	X	V										
SW-35A (0		5/16/2023	2:04	X		-	1	X	X	X									+	\dashv	
SW-37A (0	-3')	5/16/2023	2:06	x		Comp	1	X	Х	X							_	-	+	\dashv	
SW-38A (0-	-4')	5/16/2023	2:08	X	_	Comp	1	Х	Х	х							1	_	+	-	
SW-39A (0-	-3')	5/16/2023	2:10			Comp	1	Х	х	х							+	+	+	+	
SW-41A (0-	3')	5/16/2023	2:12	X		Comp	1	х	х	x							+	+	+	+	
SW-42A (0-		5/16/2023	2:14	X		Comp	1	x	х	х							+	+	-	+	
SW-43A (0-		5/16/2023		X		Comp	1	X	х	x						-	-	-	+	+	
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Additional	Comments	3;										_									
: Signature of this docur rice. Xenco will be liable co. A minimum charge	ment and relinqu	uishment of sample	s constitutes	a valid purchase	order from	client co-															
ice. Xenco will be liable to. A minimum charge elinquished by: (Si	only for the cos	st of samples and s	hall not assur	me any responsib	lity for an	Lorent comp	any to Xer	nco, its	affiliate	s and su	bcontra	tors. It a	essigns s	tandard t	erme an	d condition	ne.				

Relinquished by: (Signature) Received by: (Signature Date/Time

Date/Time

Received by: (Signature)

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

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

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

CONDITIONS

Action 228946

CONDITIONS

Operator:	OGRID:
Permian Resources Operating, LLC	372165
1001 17th Street, Suite 1800	Action Number:
Denver, CO 80202	228946
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Creat	Condition	Condition
Ву		Date
nvel	Remediation plan is approved. Permian Resources has 90-days (December 14, 2023) to submit its appropriate or final closure report.	9/18/2023