



402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

November 30, 2022

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

**Re: Remedial Actions Report and Deferral Request
Government AB 7 Battery
Unit O, Section 19, Township 18S, Range 29E
Site Coordinates: 32.593716, -104.166770
Eddy County, New Mexico
Incident ID: NRM2031037118**

Mr. Bratcher:

On behalf of Colgate Energy Company (Colgate), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Government AB 7 Battery (Site). The Site is located approximately 12.6 miles northeast of Carlsbad, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 29, 2020. The release was a result of manway gasket failure on a piece of equipment at the Site. The failure resulted in the release of approximately 29 barrels (bbls) of crude oil. Approximately 1 bbl of crude oil was recovered. Upon discovery, the well was shut-in and area was secured. The release area is shown on Figure 3. A copy of the initial C-141 form is attached.

Site Characterization

The Site is located within a High karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½ mile radius of the location. The well has a reported depth to groundwater at 59 feet below ground surface (ft bgs). A copy of the site characterization information is attached within Trinity's Workplan Report, and the associated Point of Diversion (POD) summary report is provided within the Site Characterization section of this report.

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Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

Site Assessment

Site assessment activities were conducted over two events to fully characterize and delineate the extent of impacts resulting from the release.

Initial Assessment Activities

On November 30, 2020, Trinity Oilfield Services & Rentals, LLC (Trinity) conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of 11 sample points were installed within the release area to characterize the impacts. Soil samples were collected from depths ranging from 0 – 14 ft bgs. A copy of Trinity's *Work Plan Report*, dated October 18, 2021, detailing Trinity's site assessment activities is attached, lab data and soil sample locations from Trinity's assessment activities are included within the attachment.

Analytical results identified elevated TPH and/or chloride concentrations in the sampled areas within the release area. Horizontal sample results indicated that further delineation would be required to define the extent of the release. The areas were addressed and sampled in conjunction with conducting the remedial action activities detailed in this report.

Follow-on Assessment Activities

On November 17, 2022, NTGE conducted follow-on sampling activities to further delineate soil impacts at the Site in the areas listed as (GA-28, GA-29 & GA-32) on *Trinity's Workplan Report*. A total of 2 vertical sample points (i.e., S-1 through S-2) were installed to depths ranging from 0 – 5.5 ft bgs. Additionally, 3 horizontal sample points (i.e., H-1 through H-3) were collected from the surface. Analytical results from the follow-on assessment activities were all below the regulatory limits. Shown in Table 1.

Remedial Action Activities and Confirmation Sampling

Following receipt of the analytical results, Colgate began remedial action activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to the depths detailed below and illustrated on Figure 4.

- The area of SP-1 was excavated to a depth of 4 ft bgs.
- The area of SP-2 was excavated to a depth of 1 - 2 ft bgs.
- The area of FP-1 was excavated to a depth of 10 - 11 ft bgs.

Soils in the areas of S-1 and S-2 were unable to be accessed and excavated due the presence of production equipment in the area and the safety concerns associated with conducting excavation activities in the area.

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The soils were field screened during excavation activities to aide in determining final excavation depths, primarily in the areas where the horizontal delineation of impacts was not achieved during site assessment activities. A total of 52 composite confirmation samples were collected from the excavation base (i.e., CS-1 -through CS-52) and 22 composite confirmation samples were collected from the excavation sidewalls (i.e., SW-1 through SW-22) to ensure impacted soil was removed. In the event a confirmation sample identified concentrations above the regulatory limits, the excavation was expanded, and additional confirmation samples were collected.

The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Following receipt of the analytical results it was noted the excavation activities were successful in removing the impacted soils in the accessible areas of the release. The excavated soils were transported to a NMOCD approved facility, Lea Land LLC. (Lea Land), for final disposition. A total of 1,252 cubic yards of impacted soils were hauled to Lea Land.

The excavation has been backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2.

Deferral Request

Colgate personnel have expressed that the excavation areas cannot be expanded vertically or horizontally due to the presence production equipment in the area and the safety concerns associated with conducting excavation activities in the area. On behalf of Colgate, NTG Environmental formally requests a deferral to address the remaining soil impacts at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

NMOCD Notifications and Correspondence
C-141 Forms
Site Characterization Information
Tables
Figures
Photographic Log
Laboratory Reports and Chain-of-Custody Documents
Work Plan Report, dated October 18, 2021

NMOCD NOTIFICATIONS AND CORRESPONDENCE

Ethan Sessums

From: Ethan Sessums
Sent: Thursday, September 1, 2022 3:13 PM
To: ocd.enviro@state.nm.us
Subject: Gov AB 7 Confirmation Sampling

We will be conducting confirmation sampling at the Colgate Gov AB 7 facility on 9/6/22 around 10 am MST.
Nrm2031037118

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



Ethan Sessums

From: Ethan Sessums
Sent: Monday, September 26, 2022 9:16 PM
To: Nicholas Hart
Subject: Fwd: Sampling Event

Ethan Sessums
Project Manager
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159
Email: esessums@ntglobal.com

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | Site Assessment, **Remediation & Site Closure** | Water Quality & Natural Resources

From: Jordan Tyner <JTtyner@ntglobal.com>
Sent: Monday, September 26, 2022 8:28:57 AM
To: New Mexico OCD <ocd.enviro@state.nm.us>
Cc: Ethan Sessums <ESessums@ntglobal.com>
Subject: Sampling Event

We will be conducting a sampling event on behalf of Colgate on September 28, 2022, around 10am
Government AB 7 this sampling event is associated with incident nrm2031037118

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



Mikah Thomas | Colgate Energy
300 N Marienfeld Street | Suite 1000 | Midland, TX 79701
O: (432) 695-4272 | C: (432) 661-7106
Email: mthomas@colgateenergy.com

From: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Sent: Thursday, August 18, 2022 11:14 AM
To: Mikah Thomas <mthomas@colgateenergy.com>
Subject: RE: [EXTERNAL] Government AB 07

*** Attention: This is an external email, use caution. ***

Hello,

October 18, 2022 is the new due date for report based on your request. Time extension is APPROVED.

Please include a copy of this communication and include in allied report.

Bradford Billings
EMNRD/OCD

From: Mikah Thomas <MThomas@colgateenergy.com>
Sent: Thursday, August 18, 2022 10:01 AM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Subject: [EXTERNAL] Government AB 07

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

Hi Brad,

30-015-27847

Thanks for calling me back so quick.

I would like to request a 60-day extension on an already approved remediation plan submitted by Oxy on 10/29/2020.

This plan was approved on 12/31/2021.

The conditions of approval are shown to be due on 3/14/2022.

Will you please grant us a 60-day extension to get the site taken care of?

INITIAL AND FINAL C-141

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

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

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

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party OXY USA, Inc.	OGRID 16696
Contact Name Wade Dittrich	Contact Telephone (575) 390-2828
Contact email Wade_Dittrich@oxy.com	Incident # (assigned by OCD)
Contact mailing address P.O. Box 4295; Houston, TX 77210	

Location of Release Source

Latitude 32.72819 Longitude -104.11240
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Government AB 7 Battery	Site Type E&P
Date Release Discovered Unknown	API# (if applicable) Unknown

Unit Letter	Section	Township	Range	County
0	19	18S	29E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: US BLM)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 29	Volume Recovered (bbls) 1
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Fatigue of manway gasket

Form C-141

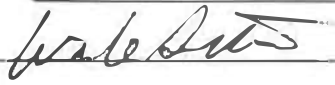
State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was estimated at 29 barrels of crude oil. This release is a major release because it was greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Joe Honesto (575) 628-4019	

Initial Response*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Not Applicable	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Wade Dittrich</u>	Title: <u>Environmental Coordinator</u>
Signature: <u></u>	Date: <u>10-28-2020</u>
email: <u>Wade_Dittrich@oxy.com</u>	Telephone: <u>(575)390-2828</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>11/5/2020</u>

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

NRM2031037118

Location of spill: Government AB 7 Battery

(32.72819, -104.11240)

Date of Spill: 9/5/2019

Site Soil Type: Tunuco Loamy Fine Sand

Estimated Daily Production Loss: 0 0 BBL Water

Total Area Calculations

Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	100.0 ft	X	100.0 ft	X	6.0 in	16%
Rectangle Area #2	ft	X	ft	X	in	
Rectangle Area #3	ft	X	ft	X	in	
Rectangle Area #4	ft	X	ft	X	in	
Rectangle Area #5	ft	X	ft	X	in	
Rectangle Area #6	ft	X	ft	X	in	
Rectangle Area #7	ft	X	ft	X	in	
Rectangle Area #8	ft	X	ft	X	in	

Porosity 0.16 gal per gal used fine sand porosity

Saturated Soil Volume Calculations:

		H2O	OIL
Area #1	10,000 sq. ft.	cu. ft.	cu. ft.
Area #2	0 sq. ft.	cu. ft.	cu. ft.
Area #3	0 sq. ft.	cu. ft.	cu. ft.
Area #4	0 sq. ft.	cu. ft.	cu. ft.
Area #5	0 sq. ft.	cu. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:	10,000 sq. ft.	cu. ft.	cu. ft.

Estimated Volumes Spilled

	H2O	OIL
Liquid in Soil:	0.0 BBL	28.0 BBL
Liquid Recovered :	0.0 BBL	1.0 BBL
Spill Liquid	0.0 BBL	29.0 BBL
Total Spill Liquid:	29.0	

Recovered Volumes

Estimated oil recovered: 1.0 BBL
 Estimated water recovered: 0.0 BBL

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravelly Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

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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>59</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

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

Printed Name: Nikki Mishler Title: Sr. Environmental Representative

Signature:  Date: 10/17/2022

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

OCD Only

Received by: _____ Date: _____

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Remediation Plan


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

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

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 10/29/2020
email: Wade_Dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Chad Hensley Date: 12/13/2021

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

Signature:  Date: 12/13/2021

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Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Nikki Mishler Title: Sr. Environmental Representative

Signature:  Date: 10/17/2022

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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Remediation Plan

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Printed Name: Nikki Mishler Title: Senior Environmental Representative

Signature:  Date: 11/30/2022

email: Nikki.Mishler@permianres.com Telephone: 432-634-8722

OCD Only

Received by: _____ Date: _____

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


Signature:  Date: 01/06/2023

SITE CHARACTERIZATION INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	CP 01190 POD1	2	2	4	08	20S	28E	575860	3605788 
Driller License:	1690	Driller Company:				VISION RESOURCES, INC			
Driller Name:	JASON MALEY								
Drill Start Date:	08/19/2014	Drill Finish Date:				08/23/2014		Plug Date:	
Log File Date:	08/28/2014	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	150 GPM
Casing Size:	6.00	Depth Well:				113 feet		Depth Water:	59 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					72	85	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					60	113			

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/13/22 10:48 AM

POINT OF DIVERSION SUMMARY

TABLES

Table 1
Colgate Energy
Government AB 7 Battery
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	11/17/2022	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
S-1	11/17/2022	1-1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
S-1	11/17/2022	2-2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
S-1	11/17/2022	3-3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
S-1	11/17/2022	4-4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
S-1	11/17/2022	5-5.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
S-2	11/17/2022	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
S-2	11/17/2022	1-1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
S-2	11/17/2022	2-2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
S-2	11/17/2022	3-3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
S-2	11/17/2022	4-4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
S-2	11/17/2022	5-5.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
H-1	11/17/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
H-2	11/17/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
H-3	11/17/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
Regulatory Limits ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

 - exceeds regulatory limits

Table 2. Soil Analytical Results - Remedial Actions Report
Colgate Production LLC.
Government AB 7
Eddy County, New Mexico

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			DRO	GRO	MRO	Total							
SW-1	9/6/2022	N/A	108	<10.0	61.1	169.1	<0.050	<0.050	<0.050	<0.150	<0.300	64	
SW-2	9/6/2022	N/A	107	<10.0	66	167	<0.050	<0.050	<0.050	<0.150	<0.300	48	
SW-3	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64	
SW-4	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496	
SW-5	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	944	
SW-6	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
SW-7	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
SW-8	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48	
SW-9	9/6/2022	N/A	74.7	<10.0	42.9	117.6	<0.050	<0.050	<0.050	<0.150	<0.300	48	
SW-10	9/6/2022	N/A	14.6	<10.0	12.4	27	<0.050	<0.050	<0.050	<0.150	<0.300	80	
SW-11	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64	
SW-12	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432	
SW-13	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-14	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-15	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48	
SW-16	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-17	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224	
SW-18	9/6/2022	N/A	170	<10.0	38.3	208.3	<0.050	<0.050	<0.050	<0.150	<0.300	48	
SW-19	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16	
SW-20	9/6/2022	N/A	140	<10.0	30.5	170.5	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-21	9/6/2022	N/A	201	<10.0	47.6	248.6	<0.050	<0.050	<0.050	<0.150	<0.300	192	
SW-22	9/6/2022	N/A	27.5	<10.0	12.5	40	<0.050	<0.050	<0.050	<0.150	<0.300	336	
SW-23	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-24	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-25	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-26	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-27	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-28	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-29	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-30	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-31	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-32	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-33	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-34	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-35	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-36	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-37	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-38	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16	
SW-39	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16	
SW-40	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64	
SW-41	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-42	9/6/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64	
Regulatory Limits ^A							100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg


(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

 exceeds regulatory limits exceeded regulatory limits and was extended at another date

CS-1	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144		
CS-2	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	832		
	9/28/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16		
CS-3	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240		
CS-4	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400		
CS-5	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528		
CS-6	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144		
CS-7	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128		
CS-8	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640		
	9/28/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16		
CS-9	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240		
CS-10	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	608		
	9/28/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16		
CS-11	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192		
CS-12	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320		
CS-13	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448		
CS-14	9/6/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304		
CS-15	9/6/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160		
CS-16	9/6/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496		
CS-17	9/6/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	752		
	9/28/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16		
CS-18	9/6/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96		
CS-19	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800		
	9/28/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16		
CS-20	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432		
CS-21	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	608		
	9/28/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16		
CS-22	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352		
CS-23	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208		
CS-24	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160		
CS-25	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176		
CS-26	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464		
CS-27	9/7/2027	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768		
	9/28/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48		
CS-28	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304		
CS-29	9/6/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96		
CS-30	9/6/2022	1.5'	76.5	<10.0	18.8	95.3	<0.050	<0.050	<0.050	<0.150	<0.300	288		
CS-31	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32		
CS-32	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112		
CS-33	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80		
CS-34	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112		
CS-35	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144		
CS-36	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240		
CS-37	9/6/2022	4'	10.6	<10.0	<10.0	10.6	<0.050	<0.050	<0.050	<0.150	<0.300	240		
CS-38	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320		
CS-39	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208		
CS-40	9/6/2022	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64		
CS-41	9/6/2022	10'	42.4	<10.0	10.1	52.5	<0.050	<0.050	<0.050	<0.150	<0.300	288		
CS-42	9/6/2022	10'	47.3	<10.0	12.5	59.8	<0.050	<0.050	<0.050	<0.150	<0.300	272		
CS-43	9/6/2022	10'	45.9	<10.0	10.7	56.6	<0.050	<0.050	<0.050	<0.150	<0.300	288		
CS-44	9/6/2022	10'	71.6	<10.0	17.7	89.3	<0.050	<0.050	<0.050	<0.150	<0.300	240		
CS-45	9/6/2022	10'	144	<10.0	35.8	179.8	<0.050	<0.050	<0.050	<0.150	<0.300	320		
	9/28/2022	11'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16		
CS-46	9/6/2022	10'	18.9	<10.0	<10.0	18.9	<0.050	<0.050	<0.050	<0.150	<0.300	32		
CS-47	9/6/2022	10'	15.9	<10.0	<10.0	15.9	<0.050	<0.050	<0.050	<0.150	<0.300	48		
CS-48	9/6/2022	10'	21.1	<10.0	<10.0	21.1	<0.050	<0.050	<0.050	<0.150	<0.300	32		
CS-49	9/6/2022	10'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32		
CS-50	9/6/2022	10'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32		
CS-51	9/6/2022	10'	10.9	<10.0	<10.0	10.9	<0.050	<0.050	<0.050	<0.150	<0.300	64		
CS-52	9/6/2022	10'	12.5	<10.0	<10.0	12.5	<0.050	<0.050	<0.050	<0.150	<0.300	80		
Regulatory Limits ^A							100 mg/kg	10 mg/kg					50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

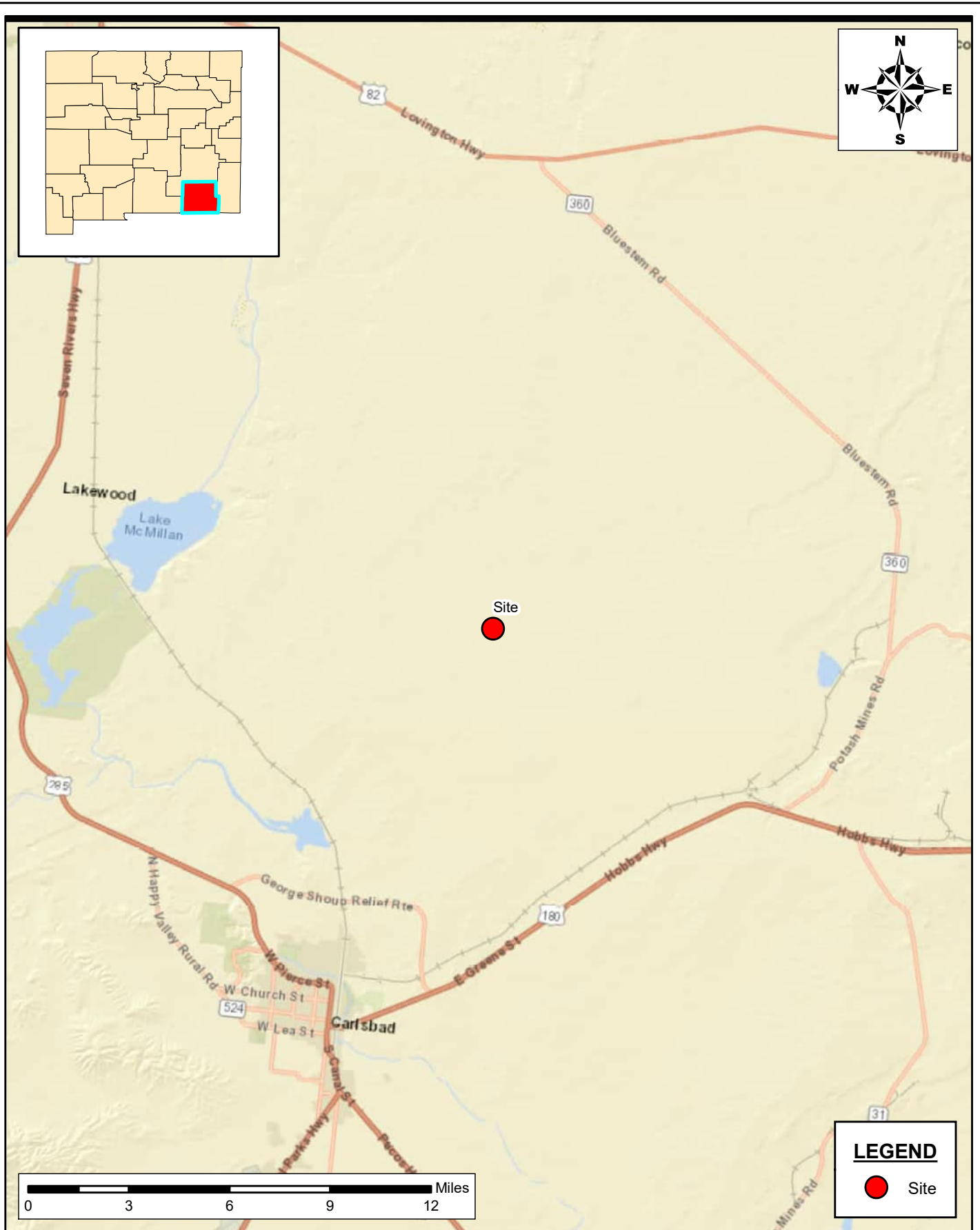
ft-feet

exceeds regulatory limits

exceeded regulatory limits and was expanded at another date

FIGURES

Document Path: P:\2022 PROJECTS\COLGATE\RSC\225840 - Government AB 7 Battery\7 - Figures\GIS\225840 Figure 1.mxd



SITE LOCATION MAP
REMEDIAL ACTIONS REPORT
 GOVERNMENT AB 7 BATTERY
 COLGATE, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 10/10/2022 PROJECT #: 225840



New Tech Global Environmental, LLC
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 Houston, Texas 77060
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NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

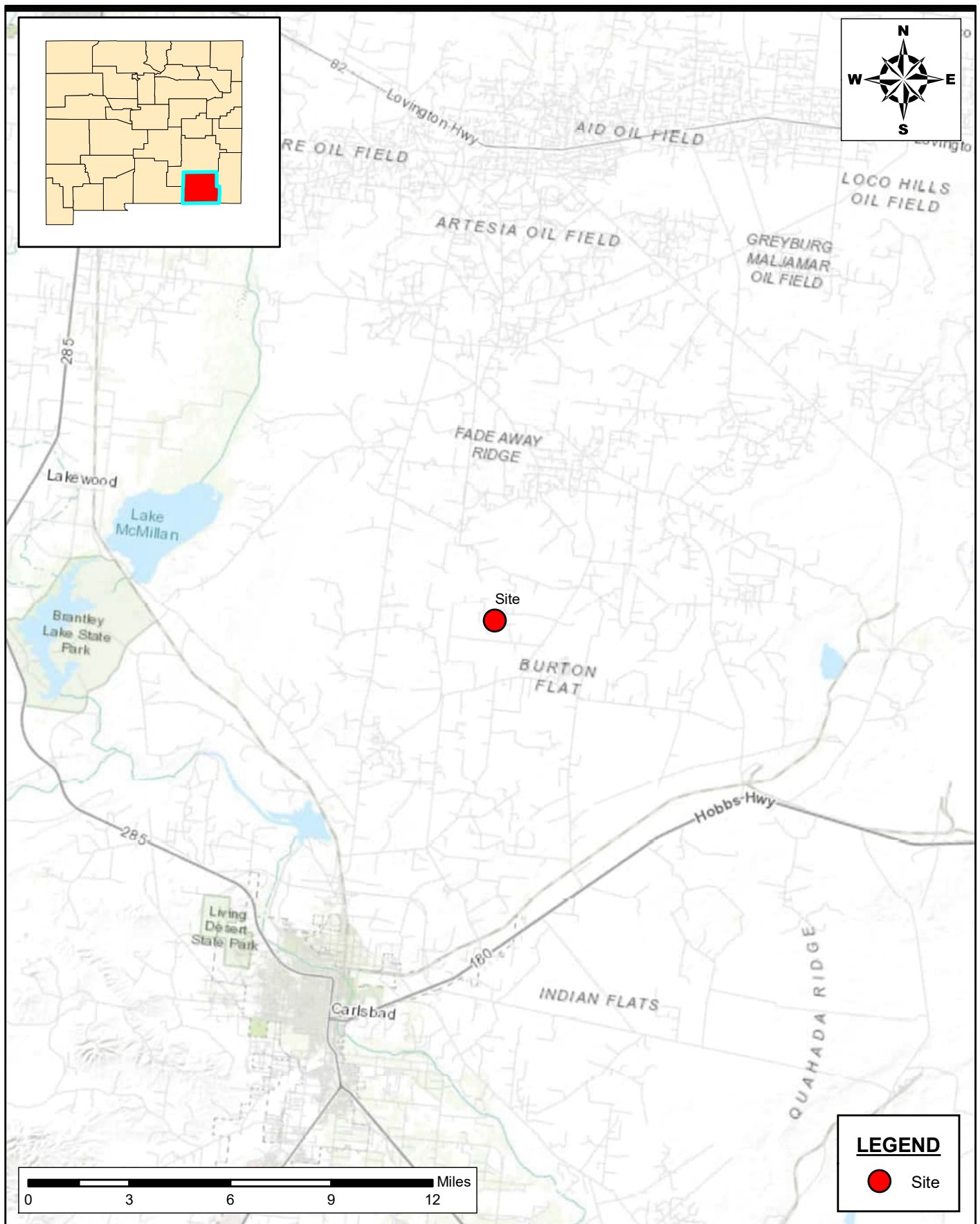
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\COLGATE\RSC\225840 - Government AB 7 Battery\7 - Figures\GIS\225840 Figure 2.mxd



SITE LOCATION MAP
REMEDIAL ACTIONS ACTIVITIES
 GOVERNMENT AB 7 BATTERY
 COLGATE, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 10/10/2022 PROJECT #: 225840



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

NOTES:

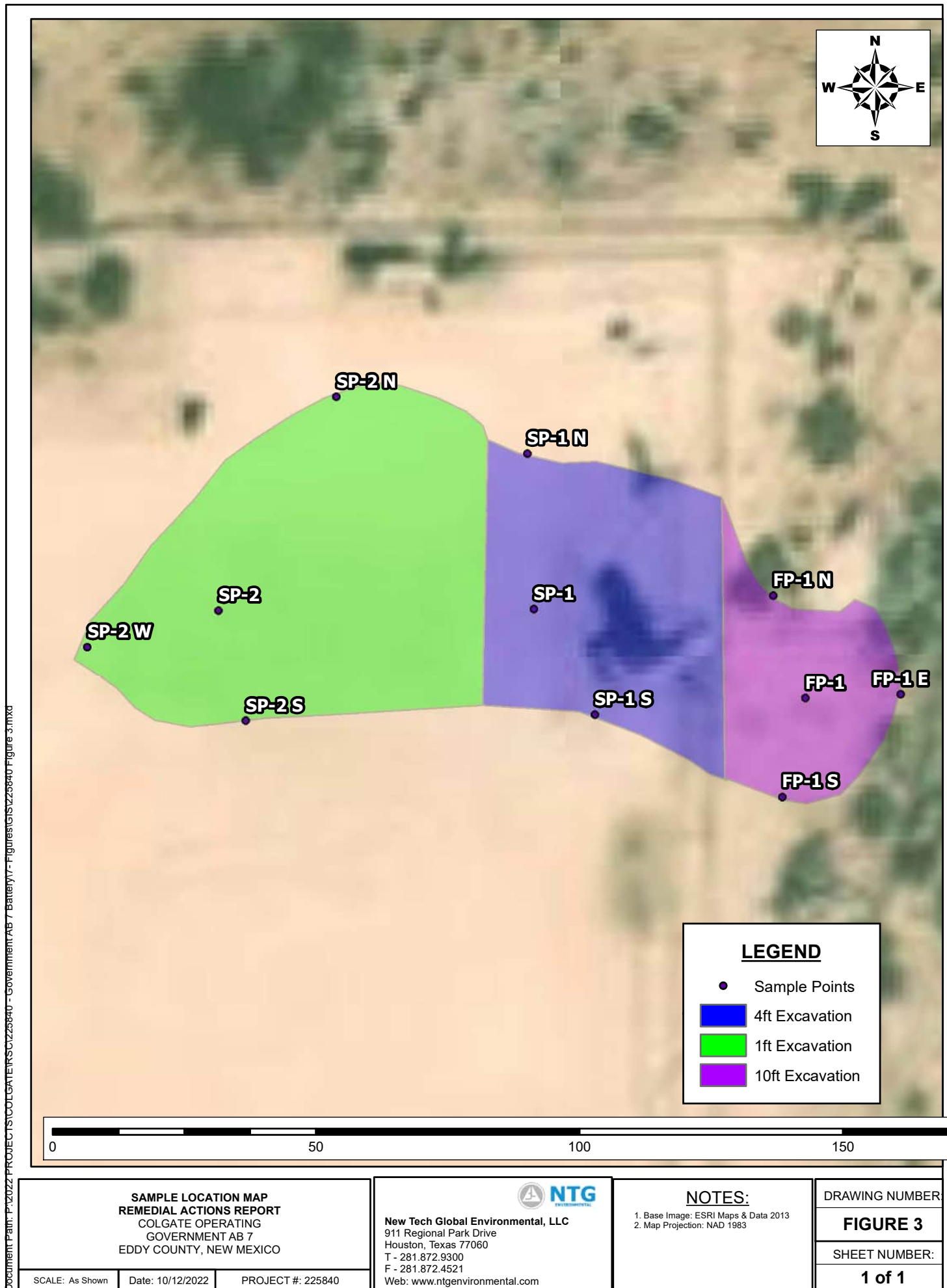
1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

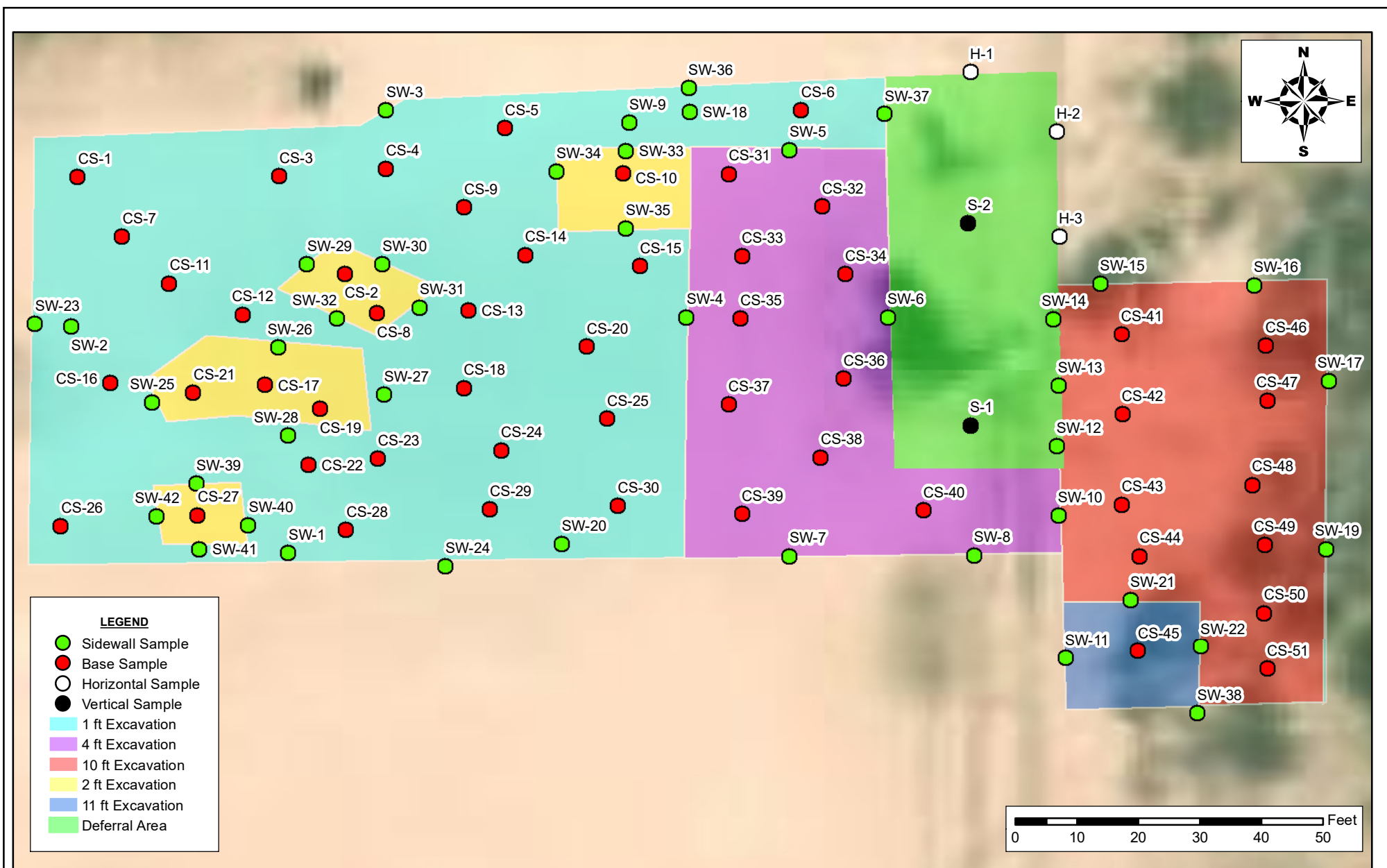
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1





Document Path: P:\2022 PROJECTS\COLGATE\ESR\CO225840 - Government AB 7 Battery\7 - Figures\GIS\225840 Figure 4 FINAL ES.mxd

1 of 1	SHEET NUMBER	DRAWING NUMBER	FIGURE 4	EXCAVATION MAP REMEDIAL ACTION REPORT GOVERNMENT AB 7 BATTERY COLGATE ENERGY, LLC EDDY COUNTY, NEW MEXICO			New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntglobal.com		NOTES: 1. Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto) 2. Map Projection: NAD 1983
				SCALE: AS SHOWN DATE: 11/29/2022 PROJECT #: 225840					

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Colgate Energy Production Company

Photograph No. 1

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Area of concern

**Photograph No. 2**

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Area of concern

**Photograph No. 3**

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Area of concern



PHOTOGRAPHIC LOG

Colgate Energy Production Company

Photograph No. 4

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos

**Photograph No. 5**

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos

**Photograph No. 6**

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos



PHOTOGRAPHIC LOG

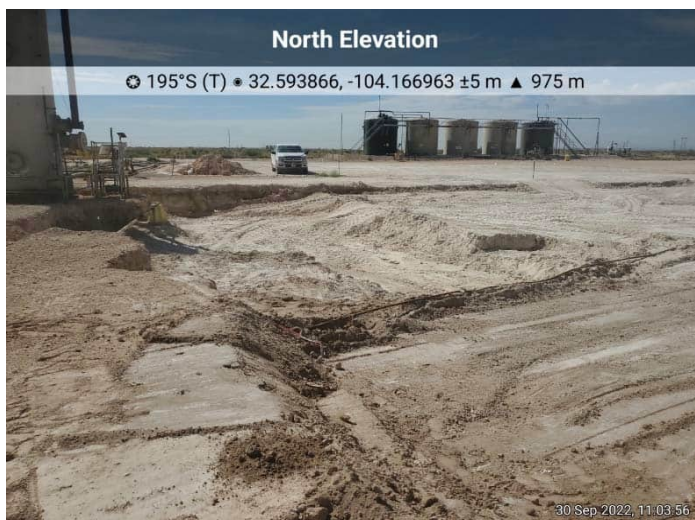
Colgate Energy Production Company

Photograph No. 7

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

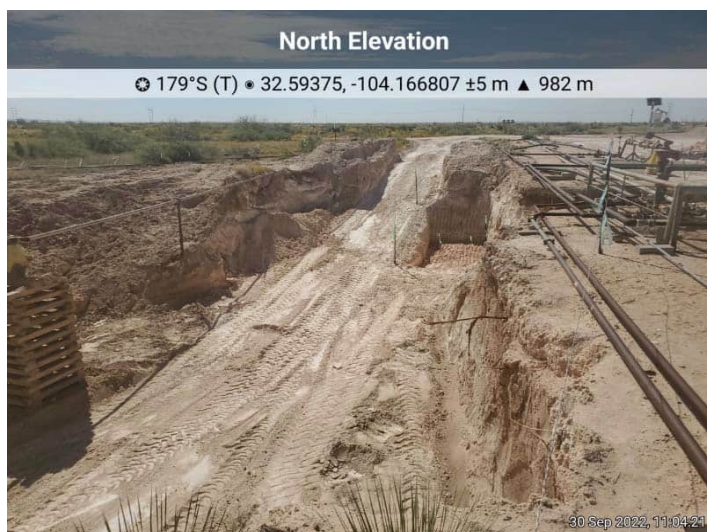
Description:
Remediated site photos

**Photograph No. 8**

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos

**Photograph No. 9**

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos



PHOTOGRAPHIC LOG

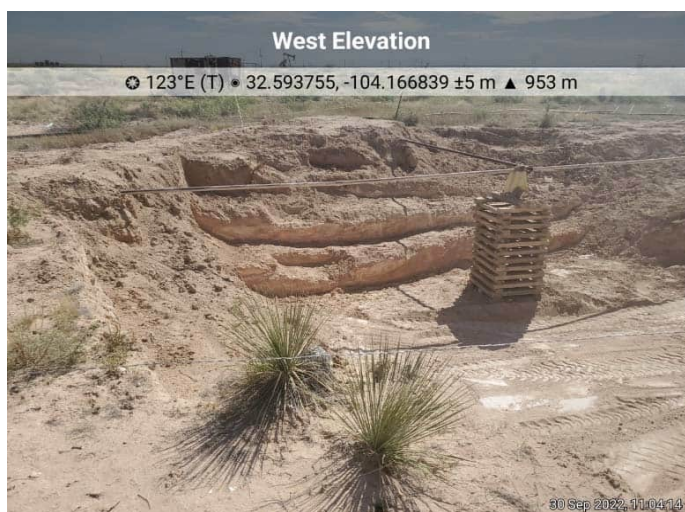
Colgate Energy Production Company

Photograph No. 10

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos



Photograph No. 11

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos

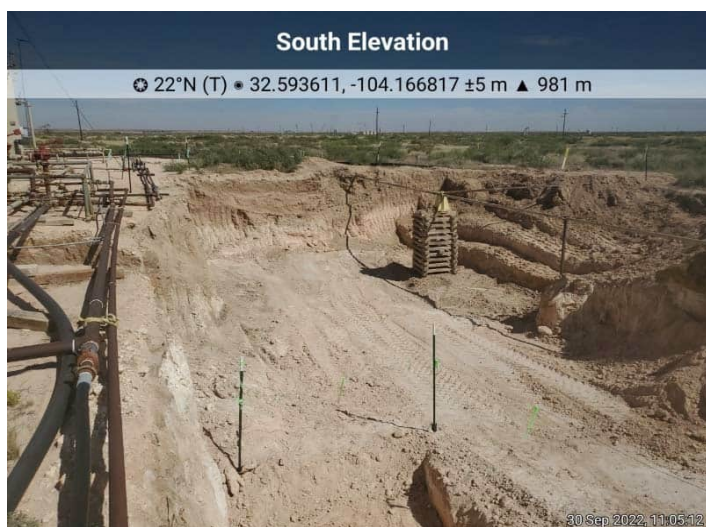


Photograph No. 12

Facility: Government AB 7 Battery

County: Eddy County, New Mexico

Description:
Remediated site photos



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

November 18, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GOVERNMENT AB 7

Enclosed are the results of analyses for samples received by the laboratory on 11/17/22 13:33.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 0-0.5' (H225441-01)

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	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.8 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 1-1.5' (H225441-02)

BTX 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	11/17/2022	ND	1.94	96.9	2.00	7.44	
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/18/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 2-2.5' (H225441-03)

BTX 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	11/17/2022	ND	1.94	96.9	2.00	7.44	
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	244	122	200	0.765	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	232	116	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 3-3.5' (H225441-04)

BTX 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	11/17/2022	ND	1.94	96.9	2.00	7.44	
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					

Surrogate: 1-Chlorooctane 74.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 4-4.5' (H225441-05)

BTX 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	11/17/2022	ND	1.94	96.9	2.00	7.44	
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.0 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 5-5.5' (H225441-06)

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	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.9 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 0-0.5' (H225441-07)

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	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					

Surrogate: 1-Chlorooctane 72.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 1-1.5' (H225441-08)

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	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 2-2.5' (H225441-09)

BTX 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	11/17/2022	ND	1.94	96.9	2.00	7.44	
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					

Surrogate: 1-Chlorooctane 72.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.2 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 3-3.5' (H225441-10)

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	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	11/18/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 74.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.3 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 4-4.5' (H225441-11)

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	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.5 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 5-5.5' (H225441-12)

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	11/17/2022	ND	1.94	96.9	2.00	7.44		
Toluene*	<0.050	0.050	11/17/2022	ND	2.04	102	2.00	7.28		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.02	101	2.00	8.29		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.20	103	6.00	8.51		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/18/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 72.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.0 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 1 (H225441-13)

BTX 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	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 (H225441-14)

BTX 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	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2022	ND	210	105	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	210	105	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/17/2022
 Reported: 11/18/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 3 (H225441-15)

BTX 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	11/17/2022	ND	2.10	105	2.00	4.49	
Toluene*	<0.050	0.050	11/17/2022	ND	2.09	104	2.00	6.32	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.10	105	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.48	108	6.00	5.30	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

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	11/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	214	107	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	206	103	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.7 % 46.3-178

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

4225441

Page 1 of 2

Page 18 of 19

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	402 East Wood Ave.	Address:	
City, State ZIP:	Carlsbad NM, 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Government AB 7	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	225840																	None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	Due Date:	24 Hr															Cool: Cool	MeOH: Me
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6°C															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	0.7°C															Zn Acetate+NaOH: Zn	
Total Containers:	15	Corrected Temperature:	0.1°C															NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
S-1	0-0.5	11/17			G	1													
S-1	1-1.5'					1													
S-1	2-2.5					1													
S-1	3-3.5					1													
S-1	4-4.5					1													
S-1	5-5.5					1													
S-3	6-0.5'					1													
S-2	1-1.5'					1													
S-2	2-2.5'					1													
S-2	3-3.5					1													

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)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		11-17-22 1333	2		
3			4		
5			6		



Chain of Custody

Work Order No: H225441

Page 2 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	402 East Wood Ave.	Address:	
City, State ZIP:	Carlsbad NM, 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:		Government AB 7		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes			
Project Number:		225840		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO		DI Water: H ₂ O	
Project Location:		Eddy Co. NM		Due Date:		24 Hr												Cool: Cool		MeOH: Me	
Sampler's Name:		Kellan Smith		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC		HNO ₃ : HN	
PO #:																		H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										H ₃ PO ₄ : HP			
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113										NaHSO ₄ : NABIS			
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:		-0.6°C										Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:		0.7°C										Zn Acetate+NaOH: Zn			
Total Containers:				15		Corrected Temperature:		0.1°C										NaOH+Ascorbic Acid: SAPC			
Parameters																					
BTEx 8021B																					
8015M (GRO + DRO + MRO)																					
Chloride 4500																					
HOLD																					

[illegible]

Additoinal Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	11-17-22 1333			



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

September 12, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GOVERNMENT AB 7

Enclosed are the results of analyses for samples received by the laboratory on 09/07/22 15:21.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 (H224113-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.95	97.3	2.00	0.734		
Toluene*	<0.050	0.050	09/10/2022	ND	2.20	110	2.00	0.359		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.17	108	2.00	1.51		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.70	112	6.00	0.913		
Total BTEX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	0.287	
DRO >C10-C28*	108	10.0	09/09/2022	ND	209	105	200	2.99	
EXT DRO >C28-C36	61.1	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (H224113-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.95	97.3	2.00	0.734	
Toluene*	<0.050	0.050	09/10/2022	ND	2.20	110	2.00	0.359	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.17	108	2.00	1.51	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.70	112	6.00	0.913	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	0.287	
DRO >C10-C28*	107	10.0	09/09/2022	ND	209	105	200	2.99	
EXT DRO >C28-C36	66.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (H224113-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	0.287	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	209	105	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (H224113-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	0.287	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	209	105	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (H224113-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	0.287	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	209	105	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 80.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (H224113-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	0.287	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	209	105	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (H224113-07)

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	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (H224113-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 (H224113-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	74.7	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	42.9	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.6 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 10 (H224113-10)

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	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	14.6	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	12.4	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 11 (H224113-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12 (H224113-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 13 (H224113-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 14 (H224113-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15 (H224113-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 16 (H224113-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 17 (H224113-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.9 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 18 (H224113-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	170	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	38.3	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 73.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 19 (H224113-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94		
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652		
Total BTEX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.8 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 20 (H224113-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	140	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	30.5	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.4 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 21 (H224113-21)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	201	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	47.6	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 22 (H224113-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.92	96.0	2.00	2.94	
Toluene*	<0.050	0.050	09/10/2022	ND	2.19	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	2.16	108	2.00	0.441	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.64	111	6.00	0.652	
Total BTEx	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

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	09/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	27.5	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	12.5	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 1 (1.5) (H224113-23)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.96	98.1	2.00	0.883	
Toluene*	<0.050	0.050	09/10/2022	ND	1.94	97.0	2.00	0.0126	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.89	94.6	2.00	0.218	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	5.90	98.3	6.00	0.0858	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (1.5) (H224113-24)

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	09/10/2022	ND	1.96	98.1	2.00	0.883		
Toluene*	<0.050	0.050	09/10/2022	ND	1.94	97.0	2.00	0.0126		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.89	94.6	2.00	0.218		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	5.90	98.3	6.00	0.0858		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (1.5) (H224113-25)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	1.96	98.1	2.00	0.883		
Toluene*	<0.050	0.050	09/10/2022	ND	1.94	97.0	2.00	0.0126		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.89	94.6	2.00	0.218		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	5.90	98.3	6.00	0.0858		
Total BTX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (1.5) (H224113-26)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	1.96	98.1	2.00	0.883	
Toluene*	<0.050	0.050	09/10/2022	ND	1.94	97.0	2.00	0.0126	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.89	94.6	2.00	0.218	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	5.90	98.3	6.00	0.0858	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	195	97.3	200	0.465	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	206	103	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (1.5) (H224113-27)

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	09/10/2022	ND	1.96	98.1	2.00	0.883	
Toluene*	<0.050	0.050	09/10/2022	ND	1.94	97.0	2.00	0.0126	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.89	94.6	2.00	0.218	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	5.90	98.3	6.00	0.0858	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (1.5) (H224113-28)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94	
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92	
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36	
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36	
Total BTX	<0.300	0.300	09/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (1.5) (H224113-29)

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	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (1.5) (H224113-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94	
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92	
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36	
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36	
Total BTEx	<0.300	0.300	09/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 (1.5) (H224113-31)

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	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (1.5) (H224113-32)

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	09/09/2022	ND	2.13	107	2.00	7.94	
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92	
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36	
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36	
Total BTEx	<0.300	0.300	09/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 11 (1.5) (H224113-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.3 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 (1.5) (H224113-34)

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	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 13 (1.5) (H224113-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94	
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92	
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36	
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36	
Total BTEx	<0.300	0.300	09/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 14 (1.5) (H224113-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 15 (1.5) (H224113-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 16 (1.5) (H224113-38)

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	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (1.5) (H224113-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 28 (1.5) (H224113-40)

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	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 29 (1.5) (H224113-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 30 (1.5) (H224113-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	76.5	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	18.8	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 31 (4) (H224113-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 32 (4) (H224113-44)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94	
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92	
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36	
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36	
Total BTEx	<0.300	0.300	09/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 33 (4) (H224113-45)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94	
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92	
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36	
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36	
Total BTEx	<0.300	0.300	09/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 34 (4) (H224113-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	201	101	200	0.0904	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	194	96.9	200	0.105	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 35 (4) (H224113-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2022	ND	2.13	107	2.00	7.94		
Toluene*	<0.050	0.050	09/09/2022	ND	2.09	104	2.00	7.92		
Ethylbenzene*	<0.050	0.050	09/09/2022	ND	2.06	103	2.00	8.36		
Total Xylenes*	<0.150	0.150	09/09/2022	ND	6.35	106	6.00	8.36		
Total BTEx	<0.300	0.300	09/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/09/2022	ND	416	104	400	0.00	QR-03	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 36 (4) (H224113-48)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 37 (4) (H224113-49)

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	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	10.6	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 38 (4) (H224113-50)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 77.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 39 (4) (H224113-51)

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	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEx	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 40 (4) (H224113-52)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 41 (10) (H224113-53)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEx	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	42.4	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	10.1	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 42 (10) (H224113-54)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11		
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	47.3	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	12.5	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 43 (10) (H224113-55)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	45.9	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	10.7	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 44 (10) (H224113-56)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	71.6	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	17.7	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 45 (10) (H224113-57)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEx	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	144	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	35.8	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 46 (10) (H224113-58)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	18.9	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 47 (10) (H224113-59)

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	09/10/2022	ND	2.04	102	2.00	6.11		
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09		
Total BTEX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	15.9	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 48 (10) (H224113-60)

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	09/10/2022	ND	2.04	102	2.00	6.11		
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09		
Total BTEX	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	21.1	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 49 (10) (H224113-61)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 50 (10) (H224113-62)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 51 (10) (H224113-63)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11		
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	10.9	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/06/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 52 (10) (H224113-64)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11		
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	201	100	200	8.09	
DRO >C10-C28*	12.5	10.0	09/10/2022	ND	222	111	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (H224113-65)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11		
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

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	09/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 19 (H224113-66)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11		
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	09/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 20 (H224113-67)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.04	102	2.00	6.11	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.95	97.4	2.00	5.18	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	5.09	
Total BTEx	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	09/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (H224113-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.08	104	2.00	0.264		
Toluene*	<0.050	0.050	09/10/2022	ND	2.03	101	2.00	0.166		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.99	99.4	2.00	0.316		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	0.0895		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	09/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 22 (H224113-69)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.08	104	2.00	0.264	
Toluene*	<0.050	0.050	09/10/2022	ND	2.03	101	2.00	0.166	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.99	99.4	2.00	0.316	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	0.0895	
Total BTEX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.5 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 23 (H224113-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.08	104	2.00	0.264		
Toluene*	<0.050	0.050	09/10/2022	ND	2.03	101	2.00	0.166		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.99	99.4	2.00	0.316		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	0.0895		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 24 (H224113-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.08	104	2.00	0.264		
Toluene*	<0.050	0.050	09/10/2022	ND	2.03	101	2.00	0.166		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.99	99.4	2.00	0.316		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	0.0895		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 25 (H224113-72)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.08	104	2.00	0.264	
Toluene*	<0.050	0.050	09/10/2022	ND	2.03	101	2.00	0.166	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.99	99.4	2.00	0.316	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	0.0895	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 26 (H224113-73)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2022	ND	2.08	104	2.00	0.264	
Toluene*	<0.050	0.050	09/10/2022	ND	2.03	101	2.00	0.166	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.99	99.4	2.00	0.316	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	0.0895	
Total BTX	<0.300	0.300	09/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	09/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/07/2022
 Reported: 09/12/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: EDDY CO

Sampling Date: 09/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 27 (H224113-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2022	ND	2.08	104	2.00	0.264		
Toluene*	<0.050	0.050	09/10/2022	ND	2.03	101	2.00	0.166		
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.99	99.4	2.00	0.316		
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.12	102	6.00	0.0895		
Total BTEx	<0.300	0.300	09/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	09/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	203	102	200	5.32	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	199	99.3	200	0.216	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.7 % 46.3-178

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 1324113

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Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Government AB 7	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	225840	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush														None: NO	DI Water: H ₂ O
Project Location:	Eddy Co	Due Date:															Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Inlet:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:	74	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TP													Sample Comments
SW-1	9/6/2022		X		Comp	1	X	X	X											
SW-2	9/6/2022		X		Comp	1	X	X	X											
SW-3	9/6/2022		X		Comp	1	X	X	X											
SW-4	9/6/2022		X		Comp	1	X	X	X											
SW-5	9/6/2022		X		Comp	1	X	X	X											
SW-6	9/6/2022		X		Comp	1	X	X	X											
SW-7	9/6/2022		X		Comp	1	X	X	X											
SW-8	9/6/2022		X		Comp	1	X	X	X											
SW-9	9/6/2022		X		Comp	1	X	X	X											
SW-10	9/6/2022		X		Comp	1	X	X	X											51 97122

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Chain of Custody

Work Order No: 1824113

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Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Work Order Comments	
Program: <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Government AB 7	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	225840															None: NO DI Water: H ₂ O	
Project Location:	Eddy Co	Due Date:														Cool: Cool MeOH: Me	
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN	
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113											H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:														Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:	74	Corrected Temperature:														Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont												
SW-10	9/6/2022		X		Comp	1	X	X	X									
SW-11	9/6/2022		X		Comp	1	X	X	X									
SW-12	9/6/2022		X		Comp	1	X	X	X									
SW-13	9/6/2022		X		Comp	1	X	X	X									
SW-14	9/6/2022		X		Comp	1	X	X	X									
SW-15	9/6/2022		X		Comp	1	X	X	X									
SW-16	9/6/2022		X		Comp	1	X	X	X									
SW-17	9/6/2022		X		Comp	1	X	X	X									
SW-18	9/6/2022		X		Comp	1	X	X	X									
SW-19	9/6/2022		X		Comp	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9-7-22 1501			



Chain of Custody

Work Order No: 1224113

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Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Work Order Comments Program: <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> Level IV Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	
--	--

Project Name:	Government AB 7	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	225840	Due Date:																None: NO DI Water: H ₂ O	
Project Location:	Eddy Co	TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool MeOH: Me	
Sampler's Name:	Jordan Tyner	Wet Ice:																HCL: HC HNO ₃ : HN	
PO #:		Thermometer ID:																H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	Yes (No)														H ₃ PO ₄ : HP	
Received Inlet:	Yes (No)	Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes (No)	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes (No)	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:	74	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
SW-20	9/6/2022		X		Comp	1	BTX 8021B													
SW-21	9/6/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)													
SW-22	9/6/2022		X		Comp	1	Chloride 4500													
CS-1 (1.5)	9/6/2022		X		Comp	1	X	X	X											
CS-2 (1.5)	9/6/2022		X		Comp	1	X	X	X											
CS-3 (1.5)	9/6/2022		X		Comp	1	X	X	X											
CS-4 (1.5)	9/6/2022		X		Comp	1	X	X	X											
CS-5 (1.5)	9/6/2022		X		Comp	1	X	X	X											
CS-6 (1.5)	9/6/2022		X		Comp	1	X	X	X											
CS-7 (1.5)	9/6/2022		X		Comp	1	X	X	X											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9-12-2022 1521			



Chain of Custody

Work Order No: HO24113

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Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntgglobal.com



Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

ANALYSIS REQUEST						Preservative Codes	
Project Name:	Government AB 7	Turn Around		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	
Project Number:	225840	Due Date:					None; NO
Project Location:	Eddy Co						DI Water; H ₂ O
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm					Cool; Cool HCL; HC HNO ₃ ; HN NaOH; Na
PO #:							H ₂ SO ₄ ; H ₂
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Wet Ice:	Yes <input checked="" type="radio"/> No <input type="radio"/>			
	Received Inlab:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Thermometer ID:				
	Cooler Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Correction Factor:				
	Sample Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/>	N/A				
	Total Containers:	74	Temperature Reading:				
				Corrected Temperature:			
Parameters							
BTEX 8021B							
H 8015M (GRO + DRO + MRO)							
Chloride 4500							
HOLD							
H ₃ PO ₄ ; HP							
NaHSO ₄ ; NABIS							
Na ₂ S ₂ O ₃ ; NaSO ₃							
Zn Acetate+NaOH; Zn							
NaOH+Ascorbic Acid; SAPC							

[illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9-7-22 1521			

Revised Date 05/01/2000 Rev. 202



Chain of Custody

Work Order No: 1824113

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Project Manager:	Ethan Seessums	Bill to: (if different)	Ethan Seessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Government AB 7	Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	225840	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush													None: NO	DI Water: H ₂ O
Project Location:	Eddy Co	Due Date:													Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm													HCL: HC	HNO ₃ : HN
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:													Zn Acetate+NaOH: Zn	
Total Containers:	74	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TP										Sample Comments
CS-28 (1.5)	9/6/2022		X		Comp	1	X	X	X								
CS-29 (1.5)	9/6/2022		X		Comp	1	X	X	X								
CS-30 (1.5)	9/6/2022		X		Comp	1	X	X	X								
CS-31 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-32 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-33 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-34 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-35 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-36 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-37 (4)	9/6/2022		X		Comp	1	X	X	X								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9-7-22 1531			



Chain of Custody

Work Order No: 1024113

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Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Program: <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Government AB 7	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	225840	Due Date:														None: NO	DI Water: H ₂ O
Project Location:	Eddy Co	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:	74	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
CS-38 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-39 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-40 (4)	9/6/2022		X		Comp	1	X	X	X								
CS-41 (10)	9/6/2022		X		Comp	1	X	X	X								
CS-42 (10)	9/6/2022		X		Comp	1	X	X	X								
CS-43 (10)	9/6/2022		X		Comp	1	X	X	X								
CS-44 (10)	9/6/2022		X		Comp	1	X	X	X								
CS-45 (10)	9/6/2022		X		Comp	1	X	X	X								
CS-46 (10)	9/6/2022		X		Comp	1	X	X	X								
CS-47 (10)	9/6/2022		X		Comp	1	X	X	X								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9-12-22 15:21			



Work Order No: 1224113



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Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Government AB 7				Turn Around		ANALYSIS REQUEST													Preservative Codes			
Project Name:		225840	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co		Due Date:																Cool: Cool	MeOH: Me		
Sampler's Name:	Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN		
PO #:																			H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	Wet Ice:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>														HOLD	
Received Intact:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	Thermometer ID:	113																H ₃ PO ₄ : HP			
Cooler Custody Seals:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	Correction Factor:	-0.002																NaHSO ₄ : NABIS			
Sample Custody Seals:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	N/A	1.32																Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:	74	Temperature Reading:	0.72																Zn Acetate+NaOH: Zn			
		Corrected Temperature:																	NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont														Sample Comments	
CS-48 (10)	9/6/2022		X	Comp	1	X	X	X														
CS-49 (10)	9/6/2022		X	Comp	1	X	X	X														
CS-50 (10)	9/6/2022		X	Comp	1	X	X	X														
CS-51 (10)	9/6/2022		X	Comp	1	X	X	X														
CS-52 (10)	9/6/2022		X	Comp	1	X	X	X														

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		9/22/2011	2		
3			4		
5			6		



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NT&E		BILL TO		ANALYSIS REQUEST									
Project Manager: Ethan Seeguns		P.O. #:											
Address: 402 E Wood Ave		Company:											
City: Carlisle		Attn:											
Phone #: 254-266-5456		Address:											
Project #: 225840		City:											
Project Name: Government AB7		State:											
Project Location: Elida County		Phone #:											
Sample Name:		Fax #:											
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
								GROUNDWATER					
								WASTEWATER					
								SOIL					
								OIL					
								SLUDGE					
								OTHER:					
								ACID/BASE:					
								ICE / COOL					
								OTHER:					
								DATE		TIME			
H224113		CS-18		✓		1		9.7		9.7		✓	
65		CS-19		✓		1		9.7		9.7		✓	
64		CS-20		✓		1		9.7		9.7		✓	
67		CS-21		✓		1		9.7		9.7		✓	
68		CS-22		✓		1		9.7		9.7		✓	
69		CS-23		✓		1		9.7		9.7		✓	
70		CS-24		✓		1		9.7		9.7		✓	
71		CS-25		✓		1		9.7		9.7		✓	
72		CS-26		✓		1		9.7		9.7		✓	
73		CS-27		✓		1		9.7		9.7		✓	
74				✓		1		9.7		9.7		✓	
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether before or after, shall be limited to the amount paid by the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>													
Relinquished By:		Date: 9-7-22		Received By:		Time: 1521		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		All Results are emailed. Please provide Email address:			
Relinquished By:		Date:		Received By:		Time:		REMARKS:					
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>			
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition		Thermometer ID #113		Cool Intact <input type="checkbox"/> Observed Temp. °C			
		0.7		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		✓		2.5°C		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C			

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

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

October 07, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GOVERNMENT AB 7

Enclosed are the results of analyses for samples received by the laboratory on 09/28/22 12:15.

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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 23	H224506-01	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 24	H224506-02	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 25	H224506-03	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 26	H224506-04	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 27	H224506-05	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 28	H224506-06	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 29	H224506-07	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 30	H224506-08	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 31	H224506-09	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 32	H224506-10	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 33	H224506-11	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 34	H224506-12	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 35	H224506-13	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 36	H224506-14	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 37	H224506-15	Soil	28-Sep-22 12:00	28-Sep-22 12:15
SW - 38	H224506-16	Soil	28-Sep-22 12:00	28-Sep-22 12:15
CS - 2 2'	H224506-17	Soil	28-Sep-22 12:00	28-Sep-22 12:15
CS - 8 2'	H224506-18	Soil	28-Sep-22 12:00	28-Sep-22 12:15
CS - 10 2'	H224506-19	Soil	28-Sep-22 12:00	28-Sep-22 12:15
CS - 17 2'	H224506-20	Soil	28-Sep-22 12:00	28-Sep-22 12:15
CS - 19 2'	H224506-21	Soil	28-Sep-22 12:00	28-Sep-22 12:15
CS - 21 2'	H224506-22	Soil	28-Sep-22 12:00	28-Sep-22 12:15
CS - 45 11'	H224506-23	Soil	28-Sep-22 12:00	28-Sep-22 12:15

10/07/22 - Client changed samples from grab to composite and changed the sample ID of -23 (See COC). This is the revised report and will replace the one sent on 09/29/22.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 23
H224506-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140 2092822 JH 28-Sep-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane 85.4 % 45.3-161 2092827 MS 28-Sep-22 8015B

Surrogate: 1-Chlorooctadecane 96.1 % 46.3-178 2092827 MS 28-Sep-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 24**H224506-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.1 %	69.9-140		2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			100 %	45.3-161		2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			112 %	46.3-178		2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 25
H224506-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.8 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			98.5 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			112 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 26
H224506-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.0 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			112 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			127 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 27**H224506-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.3 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			112 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			125 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 28**H224506-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.2 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			79.6 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.2 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 29**H224506-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.9 %	69.9-140		2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			95.7 %	45.3-161		2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	46.3-178		2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 30**H224506-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.5 %	69.9-140		2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			90.5 %	45.3-161		2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	46.3-178		2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 31**H224506-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.6 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			86.8 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			97.4 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 32**H224506-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092916	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.7 %	69.9-140		2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			93.4 %	45.3-161		2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			106 %	46.3-178		2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 33**H224506-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.1 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			79.5 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.7 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 34**H224506-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.4 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			105 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			118 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 35
H224506-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.4 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			78.6 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.3 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 36
H224506-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.9 %	69.9-140		2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			79.1 %	45.3-161		2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.9 %	46.3-178		2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 37**H224506-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.3 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092827	MS	29-Sep-22	8015B	

Surrogate: 1-Chlorooctane			91.2 %		45.3-161	2092827	MS	29-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			105 %		46.3-178	2092827	MS	29-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

SW - 38**H224506-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.5 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			87.9 %		45.3-161	2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			106 %		46.3-178	2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

CS - 2 2'
H224506-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.6 %	69.9-140		2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			102 %	45.3-161		2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			124 %	46.3-178		2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

CS - 8 2'
H224506-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.2 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			105 %		45.3-161	2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			127 %		46.3-178	2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

CS - 10 2'
H224506-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.8 %	69.9-140		2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			103 %	45.3-161		2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			125 %	46.3-178		2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

CS - 17 2'
H224506-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092822	JH	28-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092822	JH	28-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.8 %		69.9-140	2092822	JH	28-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			88.2 %		45.3-161	2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			106 %		46.3-178	2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

CS - 19 2'
H224506-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092823	JH	29-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.8 %		69.9-140	2092823	JH	29-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			94.1 %		45.3-161	2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			115 %		46.3-178	2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

CS - 21 2'
H224506-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092823	JH	29-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.0 %	69.9-140		2092823	JH	29-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			96.0 %	45.3-161		2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	46.3-178		2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

CS - 45 11'
H224506-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2092917	GM	29-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2092823	JH	29-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2092823	JH	29-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.7 %	69.9-140		2092823	JH	29-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2092737	CK	28-Sep-22	8015B	

Surrogate: 1-Chlorooctane			95.9 %	45.3-161		2092737	CK	28-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	46.3-178		2092737	CK	28-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2092916 - 1:4 DI Water**Blank (2092916-BLK1)**

Prepared & Analyzed: 29-Sep-22

Chloride	ND	16.0	mg/kg						
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LCS (2092916-BS1)

Prepared & Analyzed: 29-Sep-22

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (2092916-BSD1)

Prepared & Analyzed: 29-Sep-22

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	
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Batch 2092917 - 1:4 DI Water**Blank (2092917-BLK1)**

Prepared & Analyzed: 29-Sep-22

Chloride	ND	16.0	mg/kg						
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LCS (2092917-BS1)

Prepared & Analyzed: 29-Sep-22

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (2092917-BSD1)

Prepared & Analyzed: 29-Sep-22

Chloride	400	16.0	mg/kg	400	100	80-120	7.69	20	
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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2092822 - Volatiles**Blank (2092822-BLK1)**

Prepared & Analyzed: 28-Sep-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		97.1	69.9-140			

LCS (2092822-BS1)

Prepared & Analyzed: 28-Sep-22

Benzene	2.09	0.050	mg/kg	2.00		105	83.4-122			
Toluene	2.01	0.050	mg/kg	2.00		101	84.2-126			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.5	84.2-121			
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89.9-126			
o-Xylene	1.93	0.050	mg/kg	2.00		96.3	84.3-123			
Total Xylenes	5.93	0.150	mg/kg	6.00		98.9	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0458		mg/kg	0.0500		91.6	69.9-140			

LCS Dup (2092822-BSD1)

Prepared & Analyzed: 28-Sep-22

Benzene	2.05	0.050	mg/kg	2.00		103	83.4-122	1.77	12.6	
Toluene	1.98	0.050	mg/kg	2.00		98.8	84.2-126	1.86	13.3	
Ethylbenzene	1.90	0.050	mg/kg	2.00		95.0	84.2-121	1.57	13.9	
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.7	89.9-126	1.53	13.6	
o-Xylene	1.87	0.050	mg/kg	2.00		93.4	84.3-123	3.03	14.1	
Total Xylenes	5.82	0.150	mg/kg	6.00		96.9	89.1-124	2.01	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0463		mg/kg	0.0500		92.5	69.9-140			

Batch 2092823 - Volatiles**Blank (2092823-BLK1)**

Prepared: 28-Sep-22 Analyzed: 29-Sep-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2092823 - Volatiles**Blank (2092823-BLK1)**

Prepared: 28-Sep-22 Analyzed: 29-Sep-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		91.3	69.9-140			

LCS (2092823-BS1)

Prepared: 28-Sep-22 Analyzed: 29-Sep-22

Benzene	2.16	0.050	mg/kg	2.00		108	83.4-122			
Toluene	2.04	0.050	mg/kg	2.00		102	84.2-126			
Ethylbenzene	1.94	0.050	mg/kg	2.00		96.8	84.2-121			
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	89.9-126			
o-Xylene	1.89	0.050	mg/kg	2.00		94.7	84.3-123			
Total Xylenes	5.92	0.150	mg/kg	6.00		98.7	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0447		mg/kg	0.0500		89.5	69.9-140			

LCS Dup (2092823-BS1)

Prepared: 28-Sep-22 Analyzed: 29-Sep-22

Benzene	2.13	0.050	mg/kg	2.00		107	83.4-122	1.36	12.6	
Toluene	2.01	0.050	mg/kg	2.00		100	84.2-126	1.97	13.3	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.5	84.2-121	1.32	13.9	
m,p-Xylene	3.97	0.100	mg/kg	4.00		99.1	89.9-126	1.50	13.6	
o-Xylene	1.88	0.050	mg/kg	2.00		93.9	84.3-123	0.888	14.1	
Total Xylenes	5.84	0.150	mg/kg	6.00		97.4	89.1-124	1.30	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0445		mg/kg	0.0500		89.1	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2092737 - General Prep - Organics**Blank (2092737-BLK1)**

Prepared: 27-Sep-22 Analyzed: 28-Sep-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	63.8		mg/kg	50.0		128	45.3-161		
Surrogate: 1-Chlorooctadecane	76.3		mg/kg	50.0		153	46.3-178		

LCS (2092737-BS1)

Prepared: 27-Sep-22 Analyzed: 28-Sep-22

GRO C6-C10	193	10.0	mg/kg	200		96.3	76.8-124		
DRO >C10-C28	206	10.0	mg/kg	200		103	74.9-127		
Total TPH C6-C28	399	10.0	mg/kg	400		99.7	77.5-124		
Surrogate: 1-Chlorooctane	61.6		mg/kg	50.0		123	45.3-161		
Surrogate: 1-Chlorooctadecane	73.2		mg/kg	50.0		146	46.3-178		

LCS Dup (2092737-BS1)

Prepared: 27-Sep-22 Analyzed: 28-Sep-22

GRO C6-C10	191	10.0	mg/kg	200		95.7	76.8-124	0.660	17.2
DRO >C10-C28	197	10.0	mg/kg	200		98.7	74.9-127	4.22	18.6
Total TPH C6-C28	389	10.0	mg/kg	400		97.2	77.5-124	2.48	17.6
Surrogate: 1-Chlorooctane	61.1		mg/kg	50.0		122	45.3-161		
Surrogate: 1-Chlorooctadecane	71.4		mg/kg	50.0		143	46.3-178		

Batch 2092827 - General Prep - Organics**Blank (2092827-BLK1)**

Prepared & Analyzed: 28-Sep-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	41.7		mg/kg	50.0		83.4	45.3-161		
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		95.0	46.3-178		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: GOVERNMENT AB 7
Project Number: 225840
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
07-Oct-22 09:34

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2092827 - General Prep - Organics**LCS (2092827-BS1)**

Prepared & Analyzed: 28-Sep-22

GRO C6-C10	231	10.0	mg/kg	200		116	76.8-124			
DRO >C10-C28	228	10.0	mg/kg	200		114	74.9-127			
Total TPH C6-C28	460	10.0	mg/kg	400		115	77.5-124			
Surrogate: 1-Chlorooctane	46.2		mg/kg	50.0		92.3	45.3-161			
Surrogate: 1-Chlorooctadecane	56.1		mg/kg	50.0		112	46.3-178			

LCS Dup (2092827-BS1)

Prepared & Analyzed: 28-Sep-22

GRO C6-C10	201	10.0	mg/kg	200		100	76.8-124	14.0	17.2	
DRO >C10-C28	184	10.0	mg/kg	200		91.8	74.9-127	21.8	18.6	QR-04
Total TPH C6-C28	385	10.0	mg/kg	400		96.1	77.5-124	17.8	17.6	QR-04
Surrogate: 1-Chlorooctane	48.9		mg/kg	50.0		97.9	45.3-161			
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0		111	46.3-178			

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NT&E</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Edna Gentry</u>		Company: <u>NT&E</u>					
Address: <u>402 E Wood Ave</u>		Attn:					
City: <u>Catched</u>		Address:					
Phone #: <u>254-246-5456</u>		City:					
Project #: <u>225846</u>		State:					
Project Name: <u>Governmen + A-3-7</u>		Zip:					
Project Location: <u>Edna Gentry</u>		Phone #:					
Sampler Name: <u>Edna Gentry</u>		Fax #:					
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
Lab I.D.		(G)RAB OR (C)OMP		DATE		TIME	
Sample I.D.		# CONTAINERS		GROUNDWATER		WASTEWATER	
		SOIL		OIL		SLUDGE	
		OTHER:		ACID/BASE:		ICE / COOL	
		OTHER:					
1 <u>SW-23</u>		X		Q-28		12:00	
2 <u>SW-24</u>		X					
3 <u>SW-25</u>		X					
4 <u>SW-26</u>		X					
5 <u>SW-27</u>		X					
6 <u>SW-28</u>		X					
7 <u>SW-29</u>		X					
8 <u>SW-30</u>		X					
9 <u>SW-31</u>		X					
10 <u>SW-32</u>		X					
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Relinquished By: <u>[Signature]</u>		Date: <u>2-28-22</u>		Received By: <u>[Signature]</u>		Time: <u>12:15</u>	
Relinquished By: <u>[Signature]</u>		Date: <u>2-28-22</u>		Received By: <u>[Signature]</u>		Time: <u>12:15</u>	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		T.O.	
Turnaround Time:		Thermometer ID #113		Correction Factor -0.6°C		Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> 48hr	
						Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C	

FORM 006 R 3.3 07/10/22

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NWC Project Manager: Ethan Sessions Address: 402 E Wood Ave City: Carlsbad State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: Project #: 225840 Project Owner: Calgele Project Name: Government #137 Project Location: Eddy County Sampler Name: Tyler Kumbell		BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY Lab I.D. Sample I.D.		(G)RAB OR (C)OMP # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		PRESERV SAMPLING DATE TIME	
H224506 11 SW-33 12 SW-34 13 SW-35 14 SW-36 15 SW-37 16 SW-38 17 CS-21 18 CS-881 19 CS-10 21 20 CS-17 21		10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22		10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22 10/1/22	
Relinquished By: Date: 4-28-22 Time: 1:15 Received By: [Signature] Date: 4-28-22 Time: 1:15 Received By: [Signature]		Turnaround Time: Standard Rush Bacteria (only) Cool Intact Sample Condition Corrected Temp. °C		48hr 24hr 48hr 24hr 48hr 24hr	
REMARKS: All Results are emailed. Please provide Email address:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		Thermometer ID #113 Correction Factor -0.6°C	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO ANALYSIS REQUEST

Company Name: NTC	P.O. #:
Project Manager: Ethan Sessions	Company:
Address: 402 E Ward Ave	Attn:
City: Catlsbad	State: NM Zip: 88220
Phone #: 254-266-5454	Fax #:
Project #: 225840	Project Owner: Colgate
Project Name: Government AB7	City:
Project Location: Eddy County	State: Zip:
Sample Name: Celer Humboldt	Phone #:
	Fax #:

FOR LAB USE ONLY		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :
H224506	CS-19 21										
	21										
	22										
	23										
	CS-21 21										
	CS-20 11										
	45										

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Relinquished By:	Date: 9-28-22	Received By:	Date: 9-28-22
Relinquished By:	Time: 12:15	Received By:	Time: 12:15
Delivered By: (Circle One)	Observed Temp. °C: 24.9	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 24.3	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Turnaround Time:	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition	Thermometer ID #113	Correction Factor -0.6°C	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Observed Temp. °C	Corrected Temp. °C
------------------	--	----------------------------------	---------------------	--------------------------	---	-------------------	--------------------

REMARKS: * Sample ID change per Customer



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

October 07, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GOVERNMENT AB 7

Enclosed are the results of analyses for samples received by the laboratory on 10/06/22 16:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/06/2022
 Reported: 10/07/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 09/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 (2') (H224703-01)

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	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

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	10/07/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.32	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/06/2022
 Reported: 10/07/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 09/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 39 (H224703-02)

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	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.32	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/06/2022
 Reported: 10/07/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 09/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 40 (H224703-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.14	107	2.00	13.5		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

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	10/07/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	218	109	200	3.32	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/06/2022
 Reported: 10/07/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 09/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 41 (H224703-04)

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	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

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	10/07/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	218	109	200	3.32	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/06/2022
 Reported: 10/07/2022
 Project Name: GOVERNMENT AB 7
 Project Number: 225840
 Project Location: COLGATE - EDDY CO

Sampling Date: 09/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 42 (H224703-05)

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	10/06/2022	ND	2.14	107	2.00	13.5	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	106	2.00	14.3	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.04	102	2.00	14.0	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.15	102	6.00	13.7	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

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	10/07/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	218	109	200	3.32	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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

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A handwritten signature in black ink, appearing to read "Cley D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 14224703

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name	NTG Environmental	Company Name	
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	NTG Mailing List

Work Order Comments

Program: UST/PST ☐ PRP ☐ brownfields ☐ RRC ☐ superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other: _____

Project Name:	Government AB 7	Turn Around														PRESERVATIVE CODES							
Project Number:	225840	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush																				
Project Location	Eddy Co. NM	Due Date:	24hr																				
Sampler's Name:	Tyler Kimball			TAT starts the day received by the lab, if received by 4:30pm																			
PO #																							
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>																			
Received Intact:																							
Cooler Custody Seals:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	N/A		113																			
Sample Custody Seals:	Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	N/A		-0.6°C																			
Total Containers:	5			28.9°C																			
				28.3°C																			
				Parameters																			
				BTEX 8021B																			
				8015M (GRO + DRO + MRO)																			
				Chloride 4500																			
				HOLD																			
				None: NO	DI Water: H ₂ O																		
				Cool: Cool	MeOH: Me																		
				HCL: HC	HNO ₃ : HN																		
				H ₂ SO ₄ : H ₂	NaOH: Na																		
				H ₃ PO ₄ : HP																			
				NaHSO ₄ : NABIS																			
				Na ₂ S ₂ O ₅ : NaSO ₃																			
				Zn Acetate+NaOH: Zn																			
				NaOH+Ascorbic Acid: SACP																			

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenoco 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 Xenoco. A minimum charge of \$95.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-6-22 1612			

WORKPLAN REPORT

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

Remediation Plan


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

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

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 10/29/2020
email: Wade_Dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Chad Hensley Date: 12/13/2021

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

Signature:  Date: 12/13/2021

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>~59</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.


State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

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: Wade Dittrich Title: Environmental Coordinator

Signature:  Date: 10/29/2020

email: Wade_Dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OXY USA, Inc.	OGRID	16696
Contact Name	Wade Dittrich	Contact Telephone	(575) 390-2828
Contact email	Wade_Dittrich@oxy.com	Incident # (assigned by OCD)	
Contact mailing address	P.O. Box 4295; Houston, TX 77210		

Location of Release Source

Latitude 32.593716 Longitude -104.166770
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Government AB 7 Battery	Site Type	E&P
Date Release Discovered	Unknown	API# (if applicable)	Unknown

Unit Letter	Section	Township	Range	County
0	19	18S	29E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: US BLM)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 29	Volume Recovered (bbls) 1
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

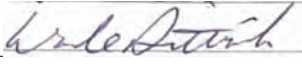
Cause of Release Fatigue of manway gasket

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was estimated at 29 barrels of crude oil. This release is a major release because it was greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Joe Honesto (575) 628-4019	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Not Applicable	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Wade Dittrich</u>	Title: <u>Environmental Coordinator</u>
Signature: <u></u>	Date: <u>10/29/2020</u>
email: <u>Wade_Dittrich@oxy.com</u>	Telephone: <u>(575) 390-2828</u>
<u>OCD Only</u> Received by: _____ Date: _____	

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: Government AB 7 Battery (32.593716, -104.166770) Date of Spill: Unknown

Site Soil Type: Reeves-Gypsum land complex, 0 to 3 percent slopes

Estimated Daily Production Loss: 0 0 BBL Water

Total Area Calculations						
Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	100.0 ft	X	100.0 ft	X	6.0 in	16%
Rectangle Area #2	ft	X	ft	X	in	
Rectangle Area #3	ft	X	ft	X	in	
Rectangle Area #4	ft	X	ft	X	in	
Rectangle Area #5	ft	X	ft	X	in	
Rectangle Area #6	ft	X	ft	X	in	
Rectangle Area #7	ft	X	ft	X	in	
Rectangle Area #8	ft	X	ft	X	in	

Porosity 0.16 gal per gal used fine sand porosity

Saturated Soil Volume Calculations:

		H2O		OIL
Area #1	10,000 sq. ft.	cu. ft.		800 cu. ft.
Area #2	0 sq. ft.	cu. ft.		cu. ft.
Area #3	0 sq. ft.	cu. ft.		cu. ft.
Area #4	0 sq. ft.	cu. ft.		cu. ft.
Area #5	0 sq. ft.	cu. ft.		cu. ft.
Area #6	0 sq. ft.	cu. ft.		cu. ft.
Area #7	0 sq. ft.	cu. ft.		cu. ft.
Area #8	0 sq. ft.	cu. ft.		cu. ft.
Total Solid/Liquid Volume:	10,000 sq. ft.	cu. ft.		800 cu. ft.

Estimated Volumes Spilled

	H2O		OIL
Liquid in Soil:	0.0 BBL		28.0 BBL
Liquid Recovered :	0.0 BBL		1.0 BBL
Spill Liquid	0.0 BBL		29.0 BBL
Total Spill Liquid:		29.0	

Recovered Volumes

Estimated oil recovered: 1.0 BBL
Estimated water recovered: 0.0 BBL

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party OXY USA, Inc.	OGRID 16696
Contact Name Wade Dittrich	Contact Telephone (575) 390-2828
Contact email Wade_Dittrich@oxy.com	Incident # (assigned by OCD)
Contact mailing address P.O. Box 4295; Houston, TX 77210	

Location of Release Source

Latitude 32.72819 Longitude -104.11240
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Government AB 7 Battery	Site Type E&P
Date Release Discovered Unknown	API# (if applicable) Unknown

Unit Letter	Section	Township	Range	County
0	19	18S	29E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: US BLM)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 29	Volume Recovered (bbls) 1
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Fatigue of manway gasket

Form C-141

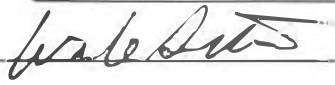
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NRM2031037118
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was estimated at 29 barrels of crude oil. This release is a major release because it was greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Joe Honesto (575) 628-4019	

Initial Response*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Not Applicable	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Wade Dittrich</u>	Title: <u>Environmental Coordinator</u>
Signature: <u></u>	Date: <u>10-28-2020</u>
email: <u>Wade_Dittrich@oxy.com</u>	Telephone: <u>(575)390-2828</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>11/5/2020</u>

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

NRM2031037118

Location of spill: Government AB 7 Battery

(32.72819, -104.11240)

Date of Spill: 9/5/2019

Site Soil Type: Tunuco Loamy Fine Sand

Estimated Daily Production Loss: 0 0 BBL Water

Total Area Calculations

Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	100.0 ft	X	100.0 ft	X	6.0 in	16%
Rectangle Area #2	ft	X	ft	X	in	
Rectangle Area #3	ft	X	ft	X	in	
Rectangle Area #4	ft	X	ft	X	in	
Rectangle Area #5	ft	X	ft	X	in	
Rectangle Area #6	ft	X	ft	X	in	
Rectangle Area #7	ft	X	ft	X	in	
Rectangle Area #8	ft	X	ft	X	in	

Porosity 0.16 gal per gal used fine sand porosity

Saturated Soil Volume Calculations:

		<u>H2O</u>	<u>OIL</u>
Area #1	10,000 sq. ft.	cu. ft.	cu. ft.
Area #2	0 sq. ft.	cu. ft.	cu. ft.
Area #3	0 sq. ft.	cu. ft.	cu. ft.
Area #4	0 sq. ft.	cu. ft.	cu. ft.
Area #5	0 sq. ft.	cu. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:	10,000 sq. ft.	cu. ft.	cu. ft.

Estimated Volumes Spilled

	<u>H2O</u>	<u>OIL</u>
Liquid in Soil:	0.0 BBL	28.0 BBL
Liquid Recovered :	0.0 BBL	1.0 BBL
Spill Liquid	0.0 BBL	29.0 BBL
Total Spill Liquid:	29.0	

Recovered Volumes

Estimated oil recovered: 1.0 BBL
 Estimated water recovered: 0.0 BBL

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravelly Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

Trinity Oilfield Services & Rentals, LLC



October 18, 2021

Mr. Robert Hamlet
Oil Conservation Division, District 2
811 South First Street,
Artesia, New Mexico 88210

Re: **Request for Approval of Work Plan**
OXY Government AB 7 Battery
Tracking #: NRM2031037118
GPS: 32.593716 N, -104.166770 W
Unit Letter C, Section 10, Township 20S, Range 28E

Dear Mr. Hamlet,

Trinity Oilfield Services (Trinity), on behalf of OXY USA, Inc., hereby submits the following **Work Plan** in response to a release that occurred at the above referenced location, and further described below.

Site Information	
Incident ID	nRM2031037118
Site Name	Government AB 7 Battery
Company	OXY USA, Inc.
County	Eddy County, NM
ULSTR	C-10-20S-28E
GPS Coordinates (NAD 83)	32.593716, -104.166770
Landowner	Federal

BACKGROUND AND RELEASE CHARACTERIZATION

On 10/29/2020, OXY USA., Inc (OXY) reported a release on the Government AB 7 Battery well site. The release was caused by an equipment failure (packing seal). Approximately 8,000 square feet (ft²) of the pad and 2,000 ft² of the pasture were affected.

Release Information	
Date of Release	09/05/2019
Type of Release	Crude Oil
Source of Release	Equipment Failure
Volume Released – Crude Oil	Approximately 29 bbls
Volume Recovered – Crude Oil	Approximately 1 bbls
Affected Area	Pad & Pasture - Approximately 10,000 sq. ft.
Site Location Map	Figure 1

SITE INFORMATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NMOSE	CP 01190 POD1	8/28/2014	59
USGS	NA	NA	NA

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a 1/2 mile of the release site. The search revealed that no wells occurred in the data bases that meets the NMOCD criteria for age of data, distance of the data point well from the release point and a data point well having a diagram of construction. A single NMOSE well was identified in the vicinity of the release point with a measured depth to groundwater of 59 feet below ground surface (bgs). Nevertheless, closure criteria for this well was set at the most restrictive limit with depth to groundwater less than or equal to 50 feet bgs due to its location within a high karst area.

General Site Characterization and Distance to Nearest Significant Watercourse:

Site Characterization	Distance to Nearest Watercourse
High Karst	> than 1,000 feet

A risk-based site assessment/characterization was performed in accordance with the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has high potential for cave and karst, but no other water bodies (water wells, playas, sink holes, springs, water courses, lake beds, wetlands) or receptors (residence, school, hospital, institution, church, mining, municipal or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

Closure Criteria:

Pad and Pasture Recommended Remedial Action Levels (RRALs)	
Chlorides	600 mg/kg
TPH (GRO and DRO and MRO)	100 mg/kg
Benzene	10 mg/kg
BTEX	50 mg/kg

DELINEATION AND REMEDIATION ACTIVITIES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	12/11/2020 – 5/19/2021
Sample Locations	SP-1, SP-2, FP-1
Total Initial Samples	24
Depths Sampled	Surface to 14 ft bgs.
Maps	Figure 2
Laboratory Results	Table 1

A total of three (3) delineation sample points (SP-1 through SP-2) on the pad and (FP-1) in the pasture were investigated to depths ranging between the surface and 14 ft bgs using a hand auger or backhoe. A total of twenty-four (24) samples were collected for laboratory analysis during the delineation of the site.

All soil samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Proposed Remediation Activities:

Remediation Proposal	
Proposed Remediation Dates	Within 90 days of approval
Liner Variance Request	Denied because of TPH levels in FP1
Deferral Request	GA-28, GA-29, & GA-32 (Facility)
Proposed Depths Excavated	4 ft bgs @ SP-1, 6-inch bgs @ SP-2, & 12 ft bgs @ FP-1
Proposed Area Represented by the required 5-point confirmation samples	Up to 200 ft ²
Confirmation Samples	GA-1 – GA-49 (Figure 3)
Total Estimated Volume of Excavated Soil	1,500 cubic yards
Proposed Site Plan	Figure 3

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The sidewalls of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate TPH concentrations are below the NMOCD Closure Criteria listed in the Table above. Confirmation soil samples (five-point composites representing no more than 200 ft² of the excavated area) will be collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil will be transported under manifest to a NMOCD-approved disposal facility (Lea Land, Inc., Permit Number: WM-01-035 New Mexico) and the excavated area will be backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities will be restored to a condition which existed prior to the release to the extent practicable. The affected area will be contoured and/or compacted to provide erosion control, stability and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed US Bureau of Land Management seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

REMEDIATION PLAN REQUEST

The corrective actions will be completed within 90 days of receipt of approval of this proposal by the NMOCD. Upon completion of the proposed tasks, a "Remediation Summary & Closure Request" will be submitted, documenting remediation activities and results of confirmation soil samples.

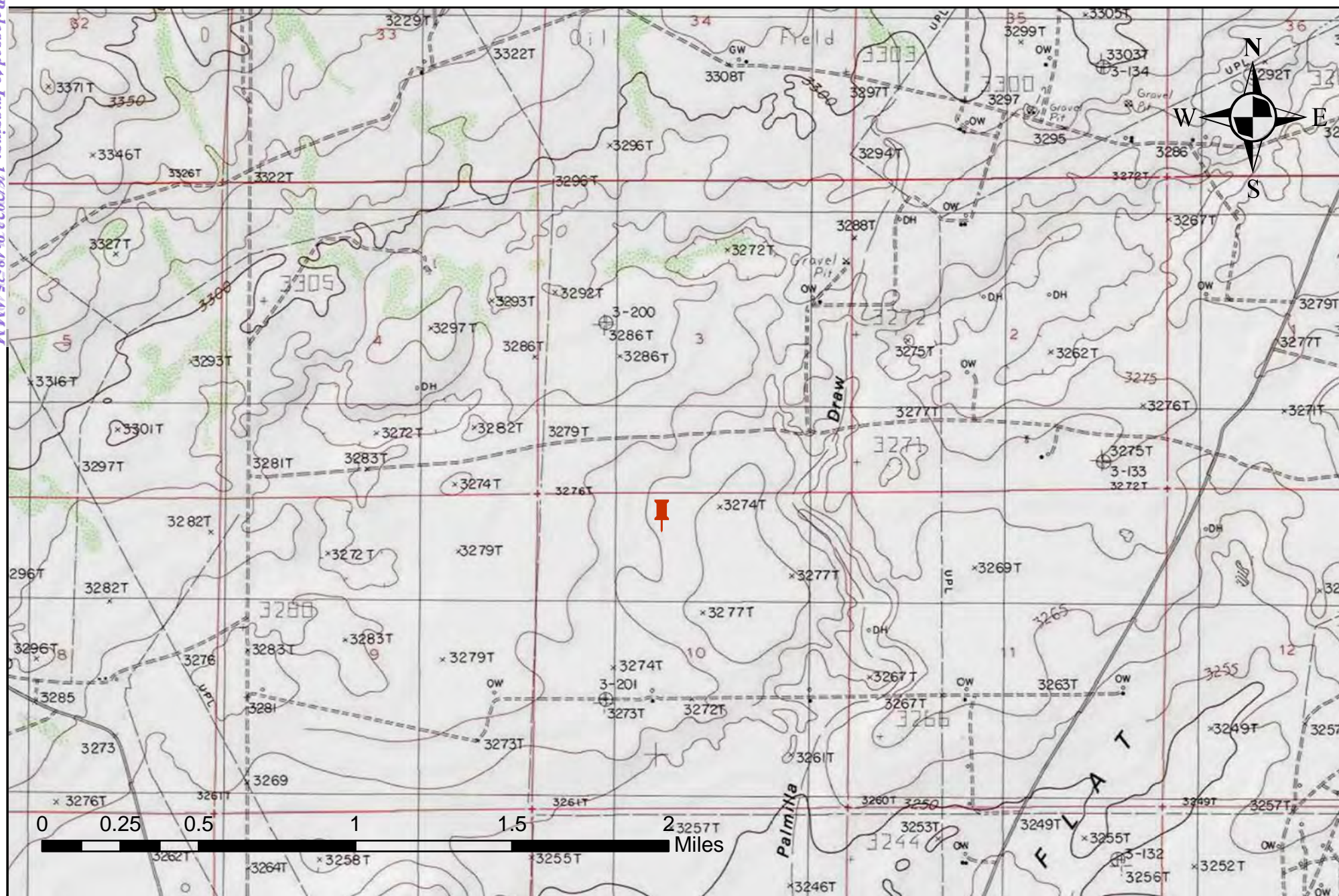
The site will be remediated to meet the standards of Table I of 19.15.29.12 NMAC where depth to groundwater is less than or equal to 50 feet bgs. Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant approval for the detailed Remediation Work Plan.

Supporting Documentation	
Initial C-141 with Spill Calculations	Signed and Attached
C-141, page 3, 4, & 5	Signed and Attached
Depth to Groundwater Maps and Source	Attached
Delineation & Remediation Maps	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

Should you have any questions or concerns regarding the content of this Remediation Plan, please do not hesitate to contact me.

Sincerely,

John P. Farrell P.G.
Project Manager

**Legend:**

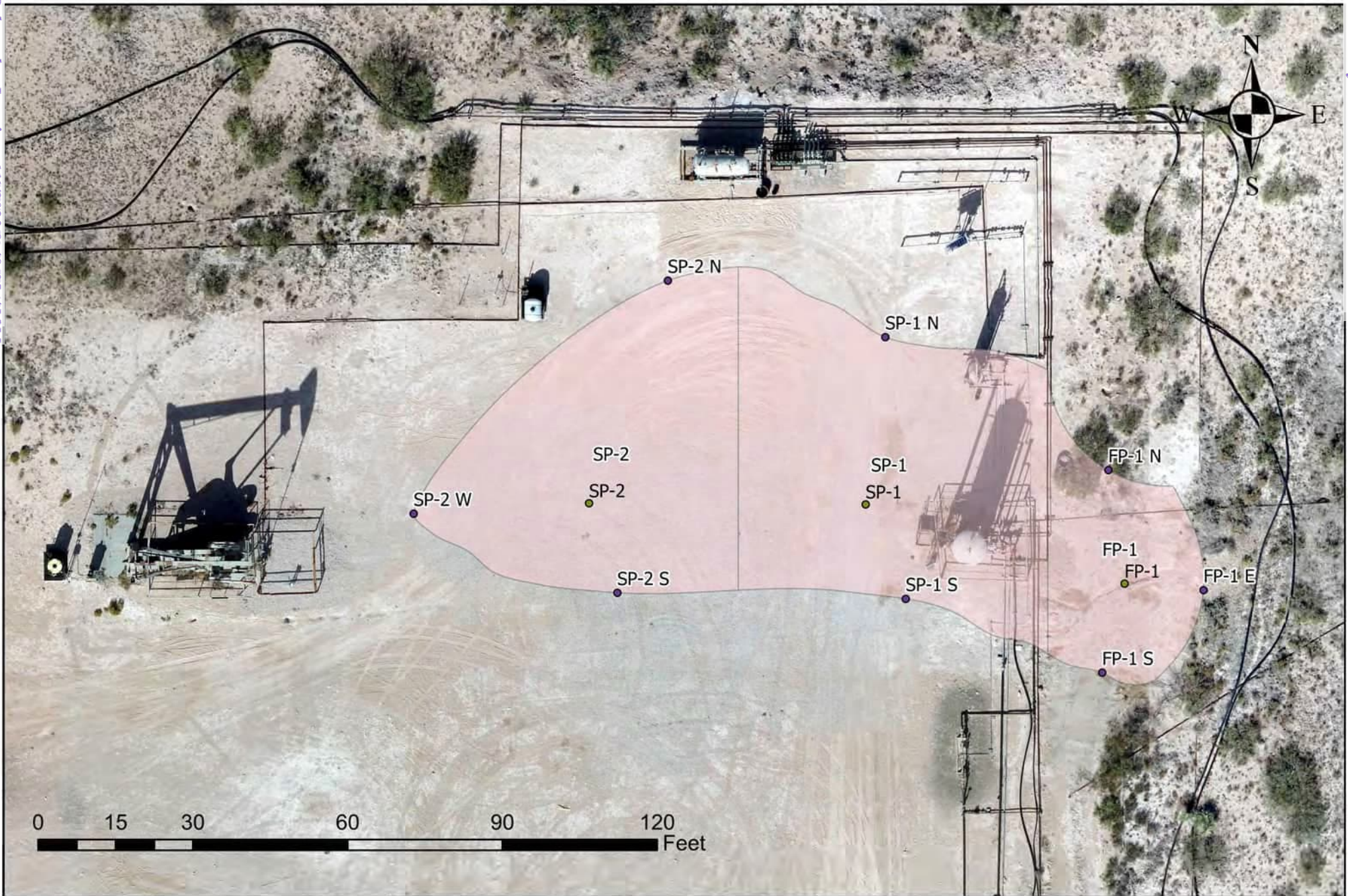
Site Location

Figure 1
Site Location Map
 Government AB 7 Battery
 OXY USA, Inc.
 Eddy County, New Mexico
 EMNRD Incident ID NRM2031037118

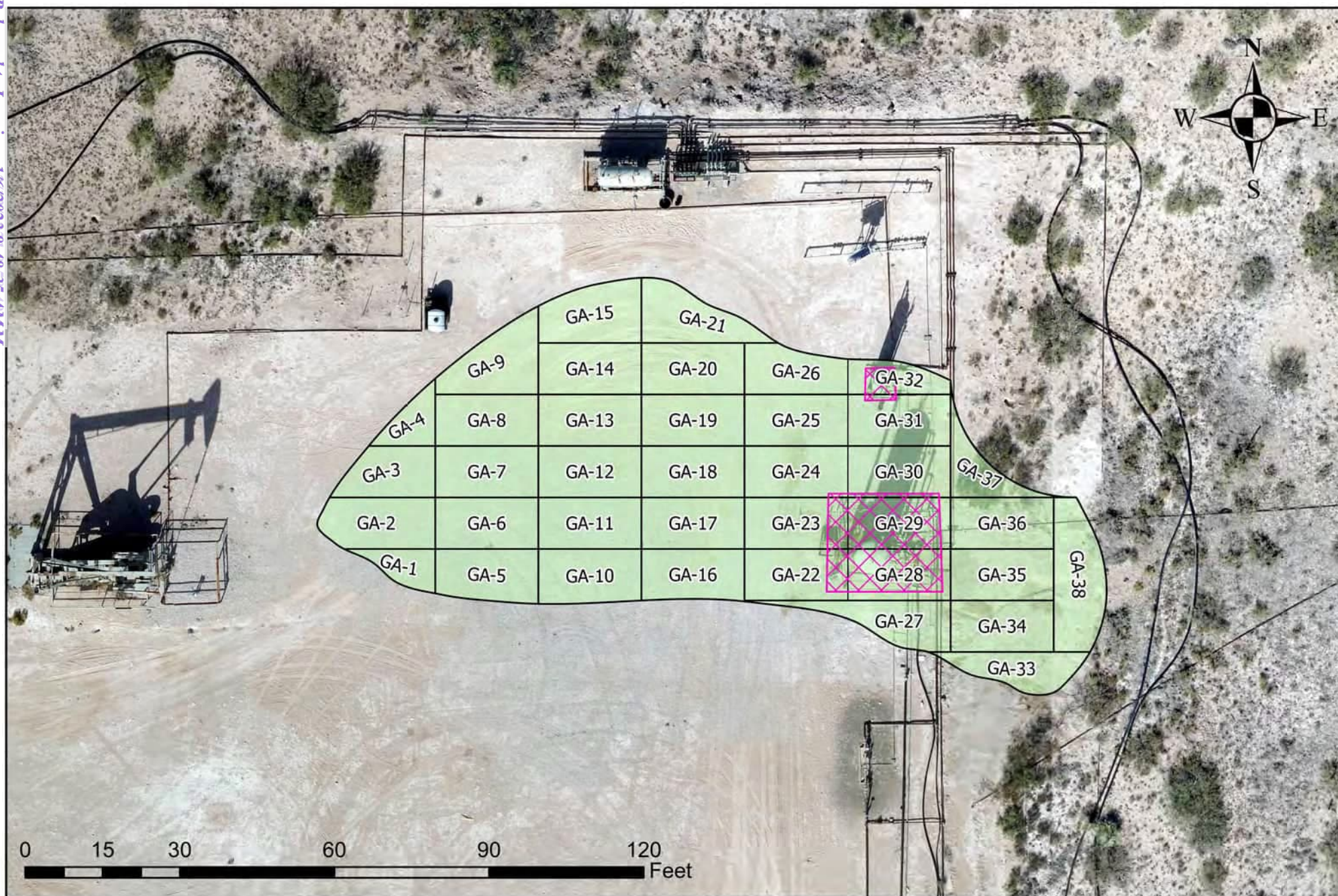


Trinity Oilfield Services & Rentals, LLC
 P.O. Box 2587
 Hobbs, NM 88241

Drawn By: DCD	Checked By: JEH
July 20, 2021	Scale: 1" = 0.41mi



Legend: <ul style="list-style-type: none">● Vertical Delineation● Horizontal Delineation<div></div> Delineation Area	<p>Figure 2 Delineation Sample Map Government AB 7 Battery OXY USA, Inc. Eddy County, New Mexico EMNRD Incident ID NRM2031037118</p>	<div><p>TRINITY OILFIELD SERVICES</p></div> <div><p>Trinity Oilfield Services & Rentals, LLC P.O. Box 2587 Hobbs, NM 88241</p><table><tr><td>Drawn By: DCD</td><td>Checked By: JEH</td></tr><tr><td>July 20, 2021</td><td>Scale: 1" = 0mi</td></tr></table></div>	Drawn By: DCD	Checked By: JEH	July 20, 2021	Scale: 1" = 0mi
Drawn By: DCD	Checked By: JEH					
July 20, 2021	Scale: 1" = 0mi					

**Legend:**

- Release Area
- Remediation Floors
- Deferral Area

Figure 3
Proposed Remediation Map
Government AB 7 Battery
OXY USA, Inc.
Eddy County, New Mexico
EMNRD Incident ID NRM2031037118



Trinity Oilfield Services & Rentals, LLC
P.O. Box 2587
Hobbs, NM 88241

Drawn By: DCD	Checked By: JEH
October 19, 2021	Scale: 1" = 0mi

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC.
GOVERNMENT AB 7 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: nRM2031037118



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/Kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	1,000	600
SP-1 Surface	Surface	11/30/2020	Grab	In-Situ	<0.050	1.36	1.03	-	-	3.85	6.24	84.9	12700	12,784.9	3,200.0	15,984.9	10,800
SP-1 @ 2'	2'	11/30/2020	Grab	In-Situ	<0.200	1.42	2.61	-	-	14.9	18.9	301	2430	2,731	451.0	3,182	3,920
SP-1 @ 4'	4'	12/10/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	352
SP-1 @ 6'	6'	12/10/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	128
SP-1 South Wall	-	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	224
SP-1 North Wall	-	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	5,200
SP-1 North	-	12/10/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	544
SP-2 Surface	Surface	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	393	393	91.7	484.7	704
SP-2 @ 1'		5/12/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	<16.0
SP-2 @ 2'	2'	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	240
SP-2 North Wall	-	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	5,440
SP-2 North	-	12/10/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	576
SP-2 South Wall	-	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	240
SP-2 West Wall	-	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	5,600
SP-2 West	-	12/10/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	480
FP-1 Surface	Surface	11/30/2020	Grab	In-Situ	3.6	73.2	48.2	-	-	187	312	2,590	9,190	11,780	1,370	13,150	96
FP-1 @ 4'	4'	11/30/2020	Grab	In-Situ	24.6	257	122	-	-	429	831	8,410	17,000	25,410	2,430	27,840	112
FP-1 @ 8'	8'	12/10/2020	Grab	In-Situ	<0.050	2.22	2.31	-	-	8.41	12.9	165	961	1,126	134	1,260	<16.0
FP-1 @ 10'	10'	12/10/2020	Grab	In-Situ	0.051	2.75	3.11	-	-	11.6	17.5	171	1,090	1,261	179	1,440	32
FP-1 @ 12'	12'	12/10/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	54.0	54.0	< 10.0	54.0	144
FP-1 @ 14'	14'	12/10/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	112
FP-1 North Wall	-	11/30/2020	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	25	25	14	39	128
FP-1 South Wall	-	11/30/2020	Grab	In-Situ	<0.050	0.238	0.106	-	-	0.413	0.756	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
FP-1 East Wall	-	11/30/2020	Grab	In-Situ	<0.050	0.108	<0.050	-	-	0.188	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	64
GA-1 Floor Comp @ 2"	2"	5/12/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	16.3	16.3	< 10.0	16.3	2,680
GA-2 Floor Comp @ 2"	2"	5/12/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	213	213	< 10.0	213	< 16.0
GA-3 Floor Comp @ 2"	2"	5/12/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	3,020	3,020	1,010	4,030	1,640
GA-3 Floor Comp @ 5"	5"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-4 Floor Comp @ 2"	2"	5/12/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	15.9	15.9	< 10.0	15.9	2,680
GA-5 Floor Comp @ 2"	2"	5/12/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	11.2	11.2	< 10.0	11.2	2,680
GA-6 Floor Comp @ 2"	2"	5/12/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	28.5	28.5	14.0	42.5	2,600
GA-7 Floor Comp @ 2"	2"	5/12/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	3,150	3,150	1,060	4,210	1,360
GA-7 Floor Comp @ 5"	5"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-8 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	47.6	5,110	5,157.6	1,050	6,207.6	528
GA-8 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	16
GA-8 South Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-8 West Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-9 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	44.1	5,850	5,894.10	1,250	7,144.10	496
GA-9 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-9 North Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-9 West Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-10 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	59.2	4,800	4,859.20	936	5,795.20	608
GA-10 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-10 West Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-10 South Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-10 East Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-11 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	41.3	4,810	4,851.30	998	5,849.30	592
GA-11 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-11 East Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC.
GOVERNMENT AB 7 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: nRM2031037118



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/Kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	1,000	600
GA-11 West Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-12 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	44.6	5,740	5,784.60	1,290	7,074.60	480
GA-12 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-12 East Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-12 West Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-13 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	41.2	3,960	4,001.20	810	4,811.20	608
GA-13 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-13 West Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-13 East Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-14 East Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-14 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	47.1	5,360	5,407.10	1,140	6,547.10	592
GA-14 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-15 East Comp @ 3"	3"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-15 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	40.5	3,990	4,030.50	873	4,903.50	656
GA-15 Floor Comp @ 2"	2"	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	40.5	3,990	4,030.50	873	4,903.50	656
GA-15 Floor Comp @ 6"	6"	6/14/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-16 Floor Comp @ 3"	3"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	32
GA-17 Floor Comp @ 3"	3"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	16
GA-18 Floor Comp @ 3"	3"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	16
GA-19 Floor Comp @ 3"	3"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-20 Floor Comp @ 3"	3"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-21 Floor Comp @ 3"	3"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-22 Floor Comp @ 4'	4'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-22 W Wall Comp @ 2'	2'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-22 S Wall Comp @ 2'	2'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-23 Floor Comp @ 4'	4'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-23 W Wall Comp @ 2'	2'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-24 Floor Comp @ 4'	4'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-24 W Wall Comp @ 2'	2'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-25 Floor Comp @ 4'	4'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-25 W Wall Comp @ 2'	2'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-25 N Wall Comp @ 2'	2'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-26 Floor Comp @ 6"	6"	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-27 Floor Comp @ 4'	4'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-27 S Wall Comp @ 2'	2'	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-27 E Wall Comp @ 2'	2'	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	32
GA-28 Floor Comp @ 4'	4'	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	12,700
GA-28 E Wall Comp @ 2'	2'	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-29 Floor Comp @ 4'	4'	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	11,800
GA-30 Floor Comp @ 2"	2"	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-31 Floor Comp @ 2"	2"	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	9,200
GA-32 Floor Comp @ 2"	2"	5/20/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	11,700
GA-33 W Wall Comp @ 2'	2'	5/19/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-33 S Wall Comp @ 2'	2'	5/19/2021	Composite	In-Situ	<0.050	0.364	0.083	-	-	0.252	0.699	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	160
GA-33 Floor Comp @ 4'	4'	5/19/2021	Composite	In-Situ	1.56	86.4	49.5	-	-	196	333	3,520	10,000	13,520	1,490	15,010	2,600
GA-34 W Wall Comp @ 2'	2'	5/19/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-34 Floor Comp @ 4'	4'	5/19/2021	Composite	In-Situ	3.76	171	100	-	-	382	657	5,690	16,200	21,890	2,520	24,410	1,420
GA-35 W Wall Comp @ 2'	2'	5/19/2021	Composite	In-Situ	<0.050	0.077	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-35 Floor Comp @ 4'	4'	5/19/2021	Composite	In-Situ	2.54	129	75.5	-	-	290	497	5,170	14,200	19,370	2,160	21,530	1,280
GA-36 Floor Comp @ 4'	4'	5/13/2021	Composite	In-Situ	<0.100	3.03	<0.100	-	-	36.2	39.3	1,110	8,610	9,720	1,230	10,950	16
GA-36 W Wall Comp @ 2'	2'	5/21/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 16.0
GA-37 N Wall Comp @ 2'	2'	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	32

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC.
GOVERNMENT AB 7 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: nRM2031037118



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	1,000	600
GA-37 W Wall Comp @ 2'	2'	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	32
GA-37 E Wall Comp @ 2'	2'	5/13/2021	Composite	In-Situ	<0.050	0.087	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	48
GA-37 Floor Comp @ 4'	4'	5/13/2021	Composite	In-Situ	<1.00	42.8	43.1	-	-	220	305	3,960	14,100	18,060	2,010	20,070	< 16.0
GA-38 E Wall Comp @ 2'	2'	5/13/2021	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	<16.0
GA-38 Floor Comp @ 4'	4'	5/13/2021	Composite	In-Situ	<0.200	3.76	<0.200	-	-	47	50.8	1,100	7,470	8,570	999	9,569	32
GA-35 Floor Comp @ 4'	4'	5/19/2021	Composite	In-Situ	2.54	129	75.5	-	-	290	497	5,170	14,200	19,370	2,160	21,530	1,280

**Government AB 7 Battery - Sample GPS Location – NAD 83**

Name	Lat	Long
SP-1 N	32.5937943	-104.1668778
SP-1 S	32.5936548	-104.1668652
SP-2 N	32.5938246	-104.1670146
SP-2 W	32.5937006	-104.1671749
SP-2 S	32.5936583	-104.1670467
FP-1 N	32.5937232	-104.1667375
FP-1 S	32.5936154	-104.1667416
SP-2	32.5937061	-104.1670645
SP-1	32.5937052	-104.1668903
FP-1	32.5936628	-104.1667274



Pad

Northwest



Northwest:





Pad

North:



North:





Pad

East:



East:



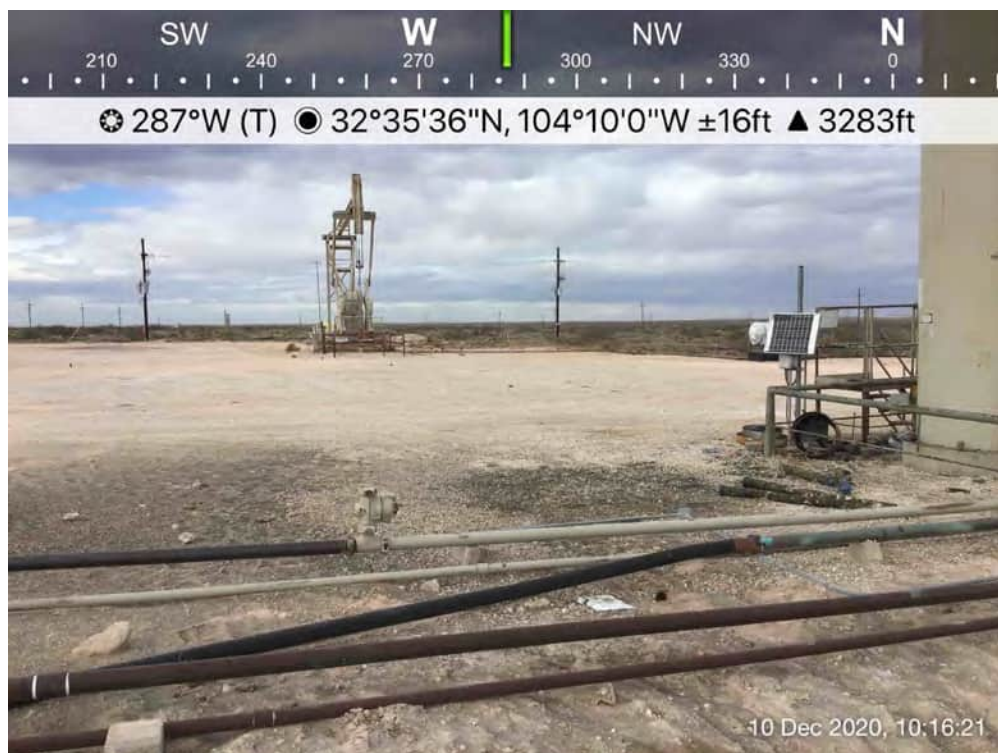


Pad

Northeast:



West:





Pasture

East:



North:



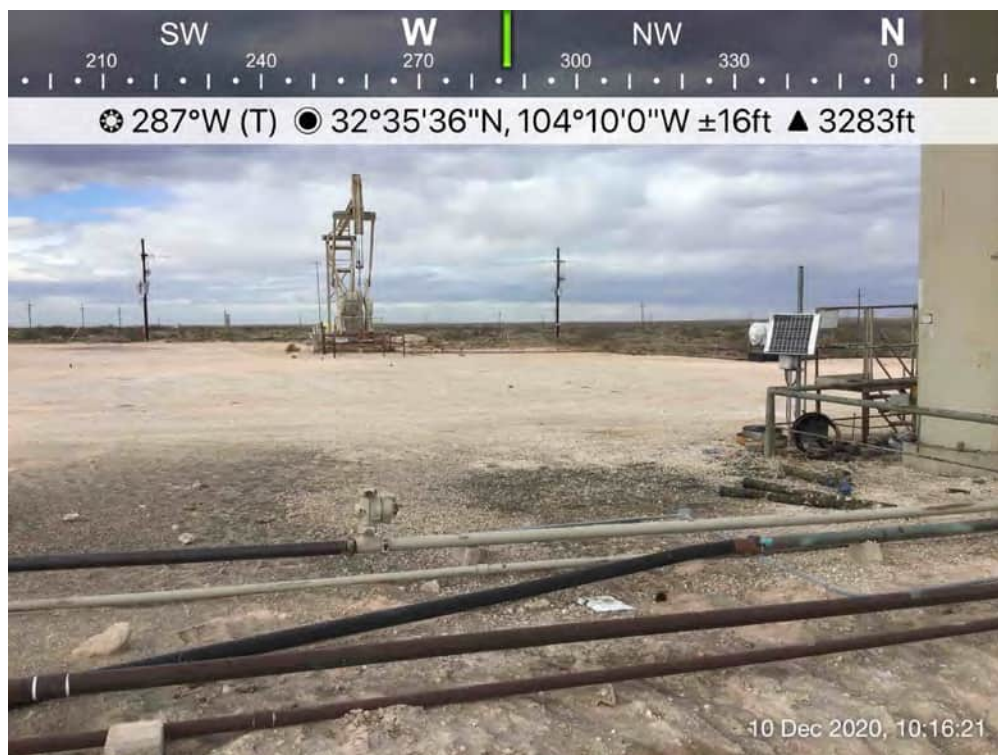


Pasture

Northwest:



West:



Government AB 7 Battery
RM2031037118
32.593622, -104.166840
-10-20S-28E

Released to Imaging: 1/6/2023 9:48:35 AM

Legend


 32.593622, -104.166840

 High

 Low

 Medium

Received by OCD: 12/6/2022 7:34:00 AM

 32.593622, -104.166840



NRM2031037118 | Government AB 7 Battery



6/25/2021, 12:01:02 PM

- GIS WATERS PODs
- OSE District Boundary

Both Estates

Active

New Mexico State Trust Lands

SiteBoundaries

Pending

Subsurface Estate
- A scale bar with two units: miles (0 to 0.7) and kilometers (0 to 1.2). The scale is 1:18,056.
- Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar
- Released to Imaging: 1/6/2023 9:48:35 AM
- Printed from Public Web Map
Unofficial Map from OSE POD Locations Web Application



NRM2031037118 | Government AB 7 Batterie



June 25, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

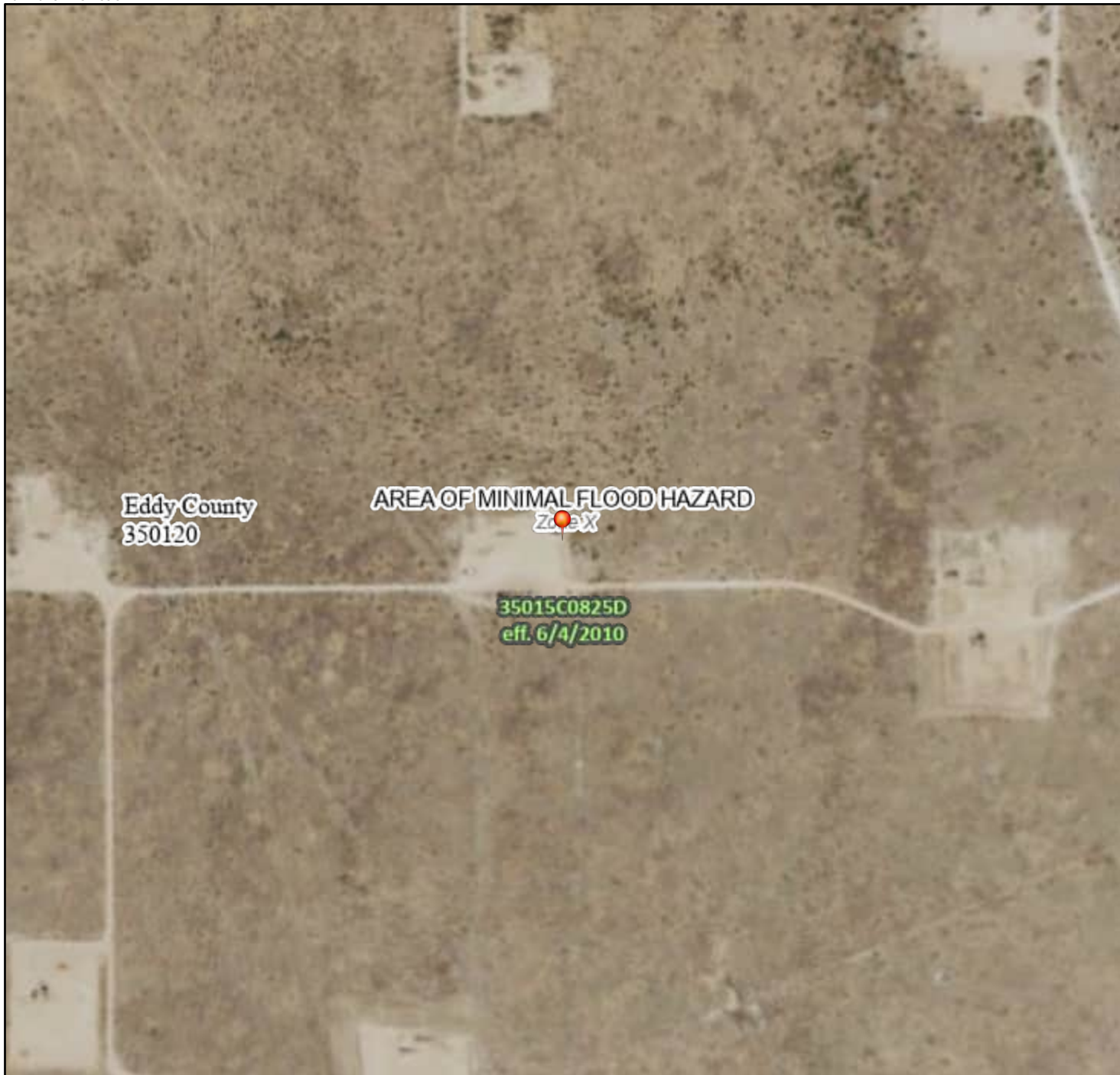
- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



104°10'19"W 32°35'52"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/25/2021 at 2:03 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Soil Map—Eddy Area, New Mexico
(NRM2031037118 | Government AB 7 Battery)



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

6/25/2021
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(NRM2031037118 | Government AB 7 Battery)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	6.4	100.0%
Totals for Area of Interest		6.4	100.0%



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

May 17, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: GOVERNMENT 7 AB

Enclosed are the results of analyses for samples received by the laboratory on 05/13/21 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 1 FLOOR COMP 2" (H211247-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75	
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03	
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21	
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70	
Total BTEX	<0.300	0.300	05/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	05/14/2021	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	05/14/2021	ND	210	105	200	6.66	
DRO >C10-C28*	16.3	10.0	05/14/2021	ND	228	114	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/14/2021	ND					

Surrogate: 1-Chlorooctane 70.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.6 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 2 FLOOR COMP 2" (H211247-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75		
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21		
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70		
Total BTX	<0.300	0.300	05/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.8 % 69.9-140

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	05/14/2021	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	05/14/2021	ND	210	105	200	6.66	
DRO >C10-C28*	213	10.0	05/14/2021	ND	228	114	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/14/2021	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 3 FLOOR COMP 2" (H211247-03)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75		
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21		
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70		
Total BTX	<0.300	0.300	05/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1640	16.0	05/14/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/14/2021	ND	210	105	200	6.66		
DRO >C10-C28*	3020	10.0	05/14/2021	ND	228	114	200	3.78		
EXT DRO >C28-C36	1010	10.0	05/14/2021	ND						

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 180 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 4 FLOOR COMP 2" (H211247-04)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75		
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21		
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70		
Total BTX	<0.300	0.300	05/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	05/14/2021	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	05/14/2021	ND	210	105	200	6.66	
DRO >C10-C28*	15.9	10.0	05/14/2021	ND	228	114	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/14/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 5 FLOOR COMP 2" (H211247-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75		
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21		
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70		
Total BTEx	<0.300	0.300	05/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	05/14/2021	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	05/14/2021	ND	210	105	200	6.66	
DRO >C10-C28*	11.2	10.0	05/14/2021	ND	228	114	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/14/2021	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 6 FLOOR COMP 2" (H211247-06)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75		
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21		
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70		
Total BTX	<0.300	0.300	05/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	05/14/2021	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	05/14/2021	ND	210	105	200	6.66	
DRO >C10-C28*	28.5	10.0	05/14/2021	ND	228	114	200	3.78	
EXT DRO >C28-C36	14.0	10.0	05/14/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 7 FLOOR COMP 2" (H211247-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75		
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21		
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70		
Total BTEx	<0.300	0.300	05/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1360	16.0	05/14/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2021	ND	210	105	200	6.66	
DRO >C10-C28*	3150	10.0	05/14/2021	ND	228	114	200	3.78	
EXT DRO >C28-C36	1060	10.0	05/14/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 188 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/13/2021	Sampling Date:	05/12/2021
Reported:	05/17/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: SP 2 @ 1 (H211247-08)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2021	ND	2.08	104	2.00	3.75		
Toluene*	<0.050	0.050	05/14/2021	ND	2.01	100	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/14/2021	ND	2.01	101	2.00	3.21		
Total Xylenes*	<0.150	0.150	05/14/2021	ND	6.00	100	6.00	2.70		
Total BTX	<0.300	0.300	05/14/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 69.9-140

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	05/14/2021	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	05/14/2021	ND	210	105	200	6.66	
DRO >C10-C28*	<10.0	10.0	05/14/2021	ND	228	114	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/14/2021	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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.
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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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Page 11 of 11



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May 26, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: GOVERNMENT 7 AB

Enclosed are the results of analyses for samples received by the laboratory on 05/20/21 13:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 8 FLOOR COMP 2" (H211311-01)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 166 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	47.6	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	5110	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	1050	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 119 % 44.3-133

Surrogate: 1-Chlorooctadecane 201 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 9 FLOOR COMP 2" (H211311-02)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 165 % 69.9-140

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	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	44.1	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	5850	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	1250	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 112 % 44.3-133

Surrogate: 1-Chlorooctadecane 225 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 10 FLOOR COMP 2" (H211311-03)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 179 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	59.2	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	4800	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	936	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 123 % 44.3-133

Surrogate: 1-Chlorooctadecane 201 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 11 FLOOR COMP 2" (H211311-04)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 160 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	41.3	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	4810	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	998	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 115 % 44.3-133

Surrogate: 1-Chlorooctadecane 200 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 12 FLOOR COMP 2" (H211311-05)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 167 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	44.6	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	5740	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	1290	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 228 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
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 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 13 FLOOR COMP 2" (H211311-06)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 163 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	41.2	10.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	3960	10.0	05/21/2021	ND	215	108	200	2.29	QM-07
EXT DRO >C28-C36	810	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 115 % 44.3-133

Surrogate: 1-Chlorooctadecane 187 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
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 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 14 FLOOR COMP 2" (H211311-07)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 159 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	47.1	10.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	5360	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	1140	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 124 % 44.3-133

Surrogate: 1-Chlorooctadecane 190 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 15 FLOOR COMP 2" (H211311-08)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 163 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	40.5	10.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	3990	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	873	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 126 % 44.3-133

Surrogate: 1-Chlorooctadecane 209 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 37 NORTH WALL COMP 2' (H211311-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93		
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72		
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29		
Total BTEx	<0.300	0.300	05/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/21/2021	ND	416	104	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.2 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 37 WEST WALL COMP 2' (H211311-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93		
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72		
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29		
Total BTEx	<0.300	0.300	05/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/21/2021	ND	416	104	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 97.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
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 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 37 EAST WALL COMP 2' (H211311-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	0.087	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	05/21/2021	ND	416	104	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 37 FLOOR COMP 4' (H211311-12)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	05/24/2021	ND	2.05	103	2.00	3.93	
Toluene*	42.8	1.00	05/24/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	43.1	1.00	05/24/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	220	3.00	05/24/2021	ND	5.87	97.9	6.00	3.29	
Total BTEX	305	6.00	05/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 163 % 69.9-140

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	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3960	50.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	14100	50.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	2010	50.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 254 % 44.3-133

Surrogate: 1-Chlorooctadecane 397 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 36 FLOOR COMP 4' (H211311-13)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	05/25/2021	ND	2.03	101	2.00	3.23	
Toluene*	3.03	0.100	05/25/2021	ND	1.97	98.5	2.00	2.84	QM-07, QR-03
Ethylbenzene*	<0.100	0.100	05/25/2021	ND	1.88	93.9	2.00	2.19	QM-07
Total Xylenes*	36.2	0.300	05/25/2021	ND	5.74	95.7	6.00	2.17	QR-03
Total BTX	39.3	0.600	05/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 320 % 69.9-140

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	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1110	50.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	8610	50.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	1230	50.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 323 % 44.3-133

Surrogate: 1-Chlorooctadecane 285 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 38 EAST WALL COMP 2' (H211311-14)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2021	ND	2.03	101	2.00	3.23		
Toluene*	<0.050	0.050	05/24/2021	ND	1.97	98.5	2.00	2.84		
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.88	93.9	2.00	2.19		
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.74	95.7	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	05/21/2021	ND	416	104	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/13/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 38 FLOOR COMP 4' (H211311-15)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	05/25/2021	ND	2.03	101	2.00	3.23	
Toluene*	3.76	0.200	05/25/2021	ND	1.97	98.5	2.00	2.84	
Ethylbenzene*	<0.200	0.200	05/25/2021	ND	1.88	93.9	2.00	2.19	
Total Xylenes*	47.0	0.600	05/25/2021	ND	5.74	95.7	6.00	2.17	
Total BTEX	50.8	1.20	05/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 224 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1100	50.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	7470	50.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	999	50.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 168 % 44.3-133

Surrogate: 1-Chlorooctadecane 245 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/19/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 35 FLOOR COMP 4' (H211311-16)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.54	1.00	05/24/2021	ND	2.03	101	2.00	3.23	
Toluene*	129	1.00	05/24/2021	ND	1.97	98.5	2.00	2.84	
Ethylbenzene*	75.5	1.00	05/24/2021	ND	1.88	93.9	2.00	2.19	
Total Xylenes*	290	3.00	05/24/2021	ND	5.74	95.7	6.00	2.17	
Total BTX	497	6.00	05/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 155 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	05/21/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5170	50.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	14200	50.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	2160	50.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 316 % 44.3-133

Surrogate: 1-Chlorooctadecane 380 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/19/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 35 WEST WALL COMP 2' (H211311-17)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2021	ND	2.03	101	2.00	3.23		
Toluene*	0.077	0.050	05/24/2021	ND	1.97	98.5	2.00	2.84		
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.88	93.9	2.00	2.19		
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.74	95.7	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	05/21/2021	ND	416	104	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.5 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/19/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 34 WEST WALL 2' (H211311-18)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2021	ND	2.03	101	2.00	3.23		
Toluene*	<0.050	0.050	05/24/2021	ND	1.97	98.5	2.00	2.84		
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.88	93.9	2.00	2.19		
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.74	95.7	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	05/21/2021	ND	416	104	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.9 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/19/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 34 FLOOR COMP 4' (H211311-19)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.76	1.00	05/24/2021	ND	2.03	101	2.00	3.23	
Toluene*	171	1.00	05/24/2021	ND	1.97	98.5	2.00	2.84	
Ethylbenzene*	100	1.00	05/24/2021	ND	1.88	93.9	2.00	2.19	
Total Xylenes*	382	3.00	05/24/2021	ND	5.74	95.7	6.00	2.17	
Total BTEX	657	6.00	05/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 169 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	05/21/2021	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5690	50.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	16200	50.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	2520	50.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 356 % 44.3-133

Surrogate: 1-Chlorooctadecane 422 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/19/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 33 WEST WALL COMP @ 2' (H211311-20)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2021	ND	2.03	101	2.00	3.23		
Toluene*	<0.050	0.050	05/24/2021	ND	1.97	98.5	2.00	2.84		
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.88	93.9	2.00	2.19		
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.74	95.7	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	05/21/2021	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/19/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 33 SOUTH WALL COMP @ 2' (H211311-21)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2021	ND	2.03	101	2.00	3.23	
Toluene*	0.364	0.050	05/24/2021	ND	1.97	98.5	2.00	2.84	
Ethylbenzene*	0.083	0.050	05/24/2021	ND	1.88	93.9	2.00	2.19	
Total Xylenes*	0.252	0.150	05/24/2021	ND	5.74	95.7	6.00	2.17	
Total BTX	0.699	0.300	05/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	05/21/2021	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	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/20/2021	Sampling Date:	05/19/2021
Reported:	05/26/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 33 FLOOR COMP 4' (H211311-22)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.56	1.00	05/24/2021	ND	2.03	101	2.00	3.23	
Toluene*	86.4	1.00	05/24/2021	ND	1.97	98.5	2.00	2.84	
Ethylbenzene*	49.5	1.00	05/24/2021	ND	1.88	93.9	2.00	2.19	
Total Xylenes*	196	3.00	05/24/2021	ND	5.74	95.7	6.00	2.17	
Total BTEX	333	6.00	05/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	05/21/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3520	50.0	05/21/2021	ND	211	105	200	3.09	
DRO >C10-C28*	10000	50.0	05/21/2021	ND	215	108	200	2.29	
EXT DRO >C28-C36	1490	50.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 238 % 44.3-133

Surrogate: 1-Chlorooctadecane 317 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		BILL TO		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST																																			
Company Name: Oxy USA, Inc.				P.O. #:		Company: Oxy USA, Inc.		ANALYSIS REQUEST																																			
Project Manager: John Farrell				Attn: Wade Dittich		Address: P O Box 4294																																					
City: Hobbs				State: NM		Zip: 88241																																					
Phone #: 575 390 7560				Fax #: (see below)		City: Houston																																					
Project #: Government 7AB				State: TX		Zip: 77210																																					
Project Location: Kenny a				Phone #: 575 390 2828		Fax #:																																					
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																																			
Lab I.D. H211311				(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE: ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX											
Sample I.D.				1		GA8 Floor comp 2 inches		C 1		X														5/13/2021		850		X		X		X											
				2		GA9 Floor comp 2 inches		C 1		X														5/13/2021		900		X		X		X											
				3		GA10 Floor comp 2 inches		C 1		X														5/13/2021		910		X		X		X											
				4		GA11 Floor comp 2 inches		C 1		X														5/13/2021		915		X		X		X											
				5		GA12 Floor comp 2 inches		C 1		X														5/13/2021		920		X		X		X											
				6		GA13 Floor comp 2 inches		C 1		X														5/13/2021		925		X		X		X											
				7		GA14 Floor comp 2 inches		C 1		X														5/13/2021		930		X		X		X											
				8		GA15 Floor Comp @ 2inches		C 1		X														5/13/2021		935		X		X		X											
				9		GA 37 North Wall Comp 2ft		C 1		X														5/13/2021		1000		X		X		X											
				10		GA 37 West Wall. Comp 2ft		C 1		X														5/13/2021		1005		X		X		X											
Relinquished By: <i>Kenny A</i>				Date: 5-20-21		Time: 1355		Received By: <i>Jamesa Blalock</i>		Date: 5-20-21		Time: 1355		REMARKS:																													
Delivered By: (Circle One)				Observed Temp. °C: -2.7		Corrected Temp. °C:		Sample Condition		Cool Impact		CHECKED BY: (Initials)		Turnaround Time:		Standard		X		Bacteria (only) Sample Condition		Cool		Intact		Observed Temp. °C:		Corrected Temp. °C:															
Sampler - UPS - Bus - Other:				Cool Impact		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No											

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

Page 26 of 27

Page 27 of 27



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

May 27, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: GOVERNMENT 7 AB

Enclosed are the results of analyses for samples received by the laboratory on 05/25/21 10:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 16 FLOOR COMP 3" (H211338-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTEX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/26/2021	ND	400	100	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	05/27/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 17 FLOOR COMP 3" (H211338-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/26/2021	ND	400	100	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	05/27/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					

Surrogate: 1-Chlorooctane 95.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 18 FLOOR COMP 3" (H211338-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/26/2021	ND	400	100	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 97.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 19 FLOOR COMP 3" (H211338-04)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	400	100	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 20 FLOOR COMP 3" (H211338-05)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	400	100	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.6 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 21 FLOOR COMP 3" (H211338-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	400	100	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 22 FLOOR COMP 4' (H211338-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTEx	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	400	100	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 22 WEST WALL COMP 2' (H211338-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	400	100	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.5 % 38.9-142

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Analytical Results For:

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 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 22 SOUTH WALL COMP 2' (H211338-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTEX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	400	100	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 23 FLOOR COMP 4' (H211338-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTEx	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	220	110	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	225	112	200	0.890	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 23 WEST WALL COMP @ 2' (H211338-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.8 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 24 FLOOR COMP 4' (H211338-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTEX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 24 WEST WALL COMP 2' (H211338-13)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.0 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 25 FLOOR COMP 4' (H211338-14)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTEX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 25 WEST WALL COMP 2' (H211338-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTEx	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 25 NORTH WALL COMP 2' (H211338-16)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTEX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.8 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 26 FLOOR COMP 6" (H211338-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 36 WEST WALL COMP 2' (H211338-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.8 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 3 FLOOR 5" (H211338-19)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6		
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37		
Total BTEX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.9 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/21/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 7 FLOOR COMP 5" (H211338-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.94	97.0	2.00	10.6	
Toluene*	<0.050	0.050	05/26/2021	ND	2.09	104	2.00	8.10	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	2.04	102	2.00	8.22	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	6.06	101	6.00	8.37	
Total BTX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 27 SOUTH WALL COMP @ 2' (H211338-21)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38		
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 27 FLOOR COMP 4' (H211338-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38		
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14100	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 27 EAST WALL COMP 2' (H211338-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38		
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5		
Total BTEx	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 28 FLOOR COMP 4' (H211338-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38		
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5		
Total BTEx	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12700	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 28 EAST WALL COMP 2' (H211338-25)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38		
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5		
Total BTX	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 29 FLOOR COMP 4' (H211338-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38		
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5		
Total BTEx	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11800	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 30 FLOOR COMP 2" (H211338-27)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38	
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5	
Total BTEX	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 31 FLOOR COMP 2" (H211338-28)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38	
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5	
Total BTEx	<0.300	0.300	05/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.7 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/25/2021	Sampling Date:	05/20/2021
Reported:	05/27/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 32 FLOOR COMP 2" (H211338-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2021	ND	1.97	98.7	2.00	8.38		
Toluene*	<0.050	0.050	05/26/2021	ND	2.03	102	2.00	11.3		
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.98	99.0	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.89	98.2	6.00	11.5		
Total BTEx	<0.300	0.300	05/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11700	16.0	05/26/2021	ND	416	104	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	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Page 32 of 34

		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST																																																	
Company Name: Oxy USA, Inc. Project Manager: John Farrell Address: 8426 N Dal Paso City: Hobbs Phone #: 575 390 7560 Project #: Project Name: Government AB7 Project Location: Sampler Name: Kenny a				BILL TO P.O. #: Company: Oxy USA, Inc. Attn: Wade Dierich Address: P O Box 4294 City: Houston State: TX Zip: 77210 Phone #: 575 390 2828 Fax #:				ANALYSIS REQUEST																																													
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																																													
Lab I.D.				(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		cl		lph		blux																			
Sample I.D.																																																					
H211338																																																					
11 GA23 West Wall Comp @2ft				c 1		X																				5/21/2021		1030		X		X		X																			
12 GA 24 Floor Comp 4ft				c 1		X																				5/21/2021		1035		X		X		X																			
13 GA 24west Wall Comp 2ft				c 1		X																				5/21/2021		1040		X		X		X																			
14 GA 25 Floor comp 4ft				c 1		X																				5/21/2021		1045		X		X		X																			
15 GA 25 West Wall comp 2ft				c 1		X																				5/21/2021		1050		X		X		X																			
16 GA 25North Wall comp 2ft				c 1		X																				5/21/2021		1055		X		X		X																			
17 GA 26 Floor Comp 6 inches				c 1		X																				5/21/2021		1100		X		X		X																			
18 GA36West Wall Comp 2ft				c 1		X																				5/21/2021		1105		X		X		X																			
19 GA 3 Floor 5 inch				c 1		X																				5/21/2021		1110		X		X		X																			
20 GA 7 Floor comp 5Inches				c 1		X																				5/21/2021		1115		X		X		X																			
<small>analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated limitations or otherwise.</small>																																																					
Relinquished By: <i>Paul P. Gull</i>				Date: 5-25-21				Received By: <i>Jamesa Roberts</i>				Verbal Result: Yes				No				Add'l Phone #:																																	
Relinquished By:				Date:				Received By:				All Results are emailed. Please provide Email address:																																									
Time:				Time:				REMARKS:																																													
Delivered By: (Circle One)				Observed Temp. °C 0.1				Sample Condition				CHECKED BY: (Initials)				Turnaround Time:				Standard				X				Bacteria (only) Sample Condition				Observed Temp. °C																					
Sampler - UPS - Bus - Other:				Corrected Temp. °C				Cool Impact				Yes <i>Yes</i>				Thermometer (Q&A) #113				Correction Factor 1.3				5/25/21				Yes				Intact				Yes				Corrected Temp. °C													

† Cardinal cannot accept verbal changes. Please email changes to caley.keeene@cardinalabsnm.com

CARDINAL Laboratories				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476				CHAIN-OF-CUSTODY AND ANALYSIS REQUEST							
Company Name: Oxy USA, Inc Project Manager: John Farrell Address: 8426 N Dal Paso City: Hobbs Phone #: 575 390 7560 Project #: Project Name: Government AB7 Project Location: Sampler Name: Kerry a				State: NM Zip: 88241 Fax #: Project Owner: (see below) john@trinityoilfieldservices.com Company: Oxy USA, Inc. Attn: Wade Dittich Address: P O Box 4294 City: Houston State: TX Zip: 77210 Phone #: 575 390 2828 Fax #:				BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:							
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING			
Lab I.D.				Sample I.D.				(G)RAB OR (C)OMP.				# CONTAINERS			
GA27 South Wall Comp @2ft				GA27 South Wall Comp @2ft				GA27 South Wall Comp @2ft				GA27 South Wall Comp @2ft			
GA27 Floor Comp 4ft				GA27 Floor Comp 4ft				GA27 Floor Comp 4ft				GA27 Floor Comp 4ft			
GA27 East Wall Comp 2ft				GA27 East Wall Comp 2ft				GA27 East Wall Comp 2ft				GA27 East Wall Comp 2ft			
GA28 Floor comp 4ft				GA28 Floor comp 4ft				GA28 Floor comp 4ft				GA28 Floor comp 4ft			
GA28 EAST Wall comp 2ft				GA28 EAST Wall comp 2ft				GA28 EAST Wall comp 2ft				GA28 EAST Wall comp 2ft			
GA29 Floor comp 4ft				GA29 Floor comp 4ft				GA29 Floor comp 4ft				GA29 Floor comp 4ft			
GA30 Floor Comp 2 inches				GA30 Floor Comp 2 inches				GA30 Floor Comp 2 inches				GA30 Floor Comp 2 inches			
GA31 Floor Comp 2inches				GA31 Floor Comp 2inches				GA31 Floor Comp 2inches				GA31 Floor Comp 2inches			
GA32 Floor Comp 2inch				GA32 Floor Comp 2inch				GA32 Floor Comp 2inch				GA32 Floor Comp 2inch			
Relinquished By:				Date: 5-25-21 Received By:				Verbal Result:				Yes No Add'l Phone #:			
Relinquished By:				Date: 5-25-21 Received By:				Verbal Result:				Yes No Add'l Phone #:			
Delivered By: (Circle One)				Observed Temp. °C				Sample Condition				CHECKED BY:			
Sampler - UPS - Bus - Other:				Corrected Temp. °C				Cool Intact				(Initials)			
Thermometer ID #				Correction Factor				Turnaround Time:				Standard X			
Bacteria (only) Sample Condition				Cool Intact				Observed Temp. °C				Corrected Temp. °C			

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



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

June 21, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: GOVERNMENT 7 AB

Enclosed are the results of analyses for samples received by the laboratory on 06/16/21 10:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 8 FLOOR COMP 6" (H211536-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTEX	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 8 SOUTH COMP 3" (H211536-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTX	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 8 WEST COMP 3" (H211536-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTEx	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 9 FLOOR COMP 6" (H211536-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTX	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 9 NORTH WALL COMP 3" (H211536-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40		
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05		
Total BTEx	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 9 WEST WALL COMP 3" (H211536-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTX	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.5 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 10 FLOOR COMP 6" (H211536-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTX	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 10 WEST WALL COMP 3" (H211536-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40		
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05		
Total BTEx	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 10 SOUTH WALL COMP 3" (H211536-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40		
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05		
Total BTEx	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 10 EAST WALL COMP 3" (H211536-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTEx	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 11 FLOOR COMP 6" (H211536-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40		
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05		
Total BTX	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 71.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 11 EAST WALL COMP 3" (H211536-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTEX	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 73.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 11 WEST WALL COMP 3" (H211536-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40		
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05		
Total BTEx	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 56.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 53.4 % 38.9-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 12 FLOOR COMP 6" (H211536-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTEx	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 12 EAST WALL COMP 3" (H211536-15)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2021	ND	2.06	103	2.00	3.40	
Toluene*	<0.050	0.050	06/17/2021	ND	2.13	107	2.00	6.71	
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	2.10	105	2.00	2.77	
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.31	105	6.00	3.05	
Total BTX	<0.300	0.300	06/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 12 WEST WALL COMP 3" (H211536-16)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/16/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/16/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/16/2021	ND	6.00	99.9	6.00	1.30		
Total BTX	<0.300	0.300	06/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 13 FLOOR COMP 6" (H211536-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2021	ND	2.15	107	2.00	1.94	
Toluene*	<0.050	0.050	06/16/2021	ND	2.04	102	2.00	1.84	
Ethylbenzene*	<0.050	0.050	06/16/2021	ND	1.98	98.9	2.00	1.66	
Total Xylenes*	<0.150	0.150	06/16/2021	ND	6.00	99.9	6.00	1.30	
Total BTX	<0.300	0.300	06/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 13 WEST WALL COMP 3" (H211536-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/16/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/16/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/16/2021	ND	6.00	99.9	6.00	1.30		
Total BTX	<0.300	0.300	06/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

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	06/17/2021	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	06/16/2021	ND	183	91.7	200	0.916	
DRO >C10-C28*	<10.0	10.0	06/16/2021	ND	206	103	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	06/16/2021	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 13 EAST WALL COMP 3" (H211536-19)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/16/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/16/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/16/2021	ND	6.00	99.9	6.00	1.30		
Total BTEX	<0.300	0.300	06/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

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	06/17/2021	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	06/17/2021	ND	199	99.4	200	3.50	
DRO >C10-C28*	<10.0	10.0	06/17/2021	ND	221	111	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	06/17/2021	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 14 EAST WALL COMP 3" (H211536-20)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/16/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/16/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/16/2021	ND	6.00	99.9	6.00	1.30		
Total BTX	<0.300	0.300	06/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-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	06/17/2021	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	06/17/2021	ND	199	99.4	200	3.50	
DRO >C10-C28*	<10.0	10.0	06/17/2021	ND	221	111	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	06/17/2021	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 14 FLOOR COMP 6" (H211536-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/17/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.00	99.9	6.00	1.30		
Total BTEx	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-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	06/17/2021	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	06/17/2021	ND	199	99.4	200	3.50	
DRO >C10-C28*	<10.0	10.0	06/17/2021	ND	221	111	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	06/17/2021	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 15 EAST WALL COMP 3" (H211536-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/17/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.00	99.9	6.00	1.30		
Total BTX	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

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	06/17/2021	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	06/17/2021	ND	199	99.4	200	3.50	
DRO >C10-C28*	<10.0	10.0	06/17/2021	ND	221	111	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	06/17/2021	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 15 NORTH WALL COMP 3" (H211536-23)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/17/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.00	99.9	6.00	1.30		
Total BTEX	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

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	06/17/2021	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	06/17/2021	ND	199	99.4	200	3.50	
DRO >C10-C28*	<10.0	10.0	06/17/2021	ND	221	111	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	06/17/2021	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/16/2021	Sampling Date:	06/14/2021
Reported:	06/21/2021	Sampling Type:	Soil
Project Name:	GOVERNMENT 7 AB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - OFF BUCK SKIN ROAD NEAR CARL		

Sample ID: GA 15 FLOOR COMP 6" (H211536-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2021	ND	2.15	107	2.00	1.94		
Toluene*	<0.050	0.050	06/17/2021	ND	2.04	102	2.00	1.84		
Ethylbenzene*	<0.050	0.050	06/17/2021	ND	1.98	98.9	2.00	1.66		
Total Xylenes*	<0.150	0.150	06/17/2021	ND	6.00	99.9	6.00	1.30		
Total BTEx	<0.300	0.300	06/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-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	06/17/2021	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	06/17/2021	ND	199	99.4	200	3.50	
DRO >C10-C28*	<10.0	10.0	06/17/2021	ND	221	111	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	06/17/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 27 of 29

Page 28 of 29

CARDINAL Laboratories				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST																																							
Company Name: Oxy USA, Inc.				P.O. #:		BILL TO																																							
Project Manager: John Farrell				Company: Oxy USA, Inc.		ANALYSIS REQUEST																																							
Address: 8426 N Dal Paso				Attn: Wade Dittich																																									
City: Hobbs				Address: P O Box 4294																																									
Phone #: 575 390 7560				City: Houston																																									
Project #: 575 390 7560				State: TX Zip: 77210																																									
Project Name: Government AB7				Phone #: 575 390 2828																																									
Project Location: John@trinityoilfieldservices.com				Fax #:																																									
Sampler Name: Kerry a				3 OF 3																																									
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING																																					
Lab I.D. H211536				Sample I.D. JF Paul 6/16		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE: ICE / COOL		OTHER :		Floor Comp 6		TIME		cl		tph		bhex											
81 Ga 14 Floor comp 6 inches				c 1		X		6/14/2021		1140		X		X		X		X		X		X		X		X		X		X		X		X											
32 Ga 15 East Wall Comp 3inches				c 1		X		6/14/2021		1145		X		X		X		X		X		X		X		X		X		X		X		X											
33 Ga 15 North Wall Comp 3inches				c 1		X		6/14/2021		1150		X		X		X		X		X		X		X		X		X		X		X		X											
34 Ga 15 Floor Comp 6inches				c 1		X		6/14/2021		1155		X		X		X		X		X		X		X		X		X		X		X		X											
Relinquished By: JF Paul				Date: 6-16-21		Received By: JF Paul		Verbal Result: All Results are emailed. Please provide Email address:		Yes		No		Add'l Phone #:																															
Relinquished By: JF Paul				Date: 6-16-21		Received By: JF Paul		REMARKS:																																					
Delivered By: (Circle One)				Observed Temp. °C 3.5		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		X		Bacteria (only) Sample Condition		Cool		Intact		Yes		Yes		Observed Temp. °C		Corrected Temp. °C																	
Sampler - UPS - Bus - Other:				Corrected Temp. °C		Cool Intact		Yes		No		No		No		No		No		No		No		No		No		No		No		No		No											

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 56829

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 56829
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Report due to 3/14/2022	12/13/2021

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

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District III

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Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

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

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

CONDITIONS

Action 164229

CONDITIONS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Action Number: 164229
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Request Approved. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue. The OCD will not close a release, where contaminants are left in place, due to close proximity to equipment. The incident will only be closed after all contaminated soil has been remediated to meet OCD Spill Rule Standards.	1/6/2023