Apache Corporation Turner Battery Trunk Line NRM2019643192

Final Remediation Report

Introduction

This report presents the results of remediation activities at the Turner Battery Trunk Line. On behalf of Apache Corporation (Apache), Diamondback Disposal Services, Inc (Diamondback) was tasked with the cleanup and remediation of release NRM2019643192. The release occurred in Unit Letter K, Section 22, Township 21S, Range 37E at coordinates 32.463417, -103.152203. The remediation was performed in general accordance with the New Mexico Oil Conservation Division (NMOCD) rules and regulations for releases dated July 24, 2018 and approved NMOCD work plan dated September 28, 2020.

Overview

The spill site is located mostly on private land, owned by Deck Estate, consisting of grass, prairie, or range lands. An unknown amount of produced water was lost with 2,040 bbls being recovered, due to a failure in a trunk line.

Regulatory Guidelines

Upon review of the site characteristics, depth to ground water being 51'-100' according to well data obtained from New Mexico Office of the State Engineer, and Table 1 Closure Criteria, The Recommended Remediation Action Levels (RRAL), determined by the latest NMOCD guidelines (19.15.29 NMAC) are as follows: 10,000mg/kg Chloride, 1,000 mg/kg GRO/DRO, 2,500 mg/kg GRO/DRO/MRO, 50 mg/kg BTEX, 10mg/kg Benzene.

Remediation Activities

Between the dates of February 8, 2021 and March 5, 2021, Diamondback excavated approximately 6,600 cubic yards (cy) of impacted material, loaded, and transported to Sundance Services Parabo Facility for disposal. Depth of excavation is approximately 4 feet below ground surface. Between the dates of February 22, 2021 and March 10, 2021 the site was sampled to determine if RRAL's had been met. Five-point composite samples were collected, every 200 square feet of side wall, packaged and delivered to a third-party lab, with chain of custody, for testing as per regulatory standards. (see attached analytical). Upon review of analytical, all wall samples prove to be below Table 1 RRAL's for site closure. Being that the spill area was excavated to a depth of 4 feet bgs all restoration and reclamation standards have been met. On March 23, 2021, a 20-mil reinforced liner was installed at 4' bgs throughout the entire excavation and seated along edges. On March 23, 2021 backfilling began and ran thru March 26, 2021. Backfill was obtained from the surrounding dunes at the private surface owner's request. Material was placed in a manner to promote compaction, crowned, and sloped to promote storm water runoff and erosion prevention. Excavated pasture area, including unexcavated disturbed areas., will be seeded during the next optimal growing season with seed mix approved by Deck Estate.

Conclusions

Upon reviewing all analytical and data provided by the third-party independent lab, it is our belief that all recommended remediation action levels have been met. Diamondback feels the migration of any remaining contaminants through the vadose zone, has been greatly reduced. Therefore, leaving this site in a manner that will pose very little if any future environmental threat. Page 6

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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)

 \checkmark 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: Larry Baker

Title: Environmental Tech SR. Signature:Larry BakerDate:4/22/2021email:larry.baker@apachecorp.comTelephone:432-631-698

Telephone: 432-631-6982

OCD Only

Chad Hensley Received by:

Date: 06/18/2021

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.

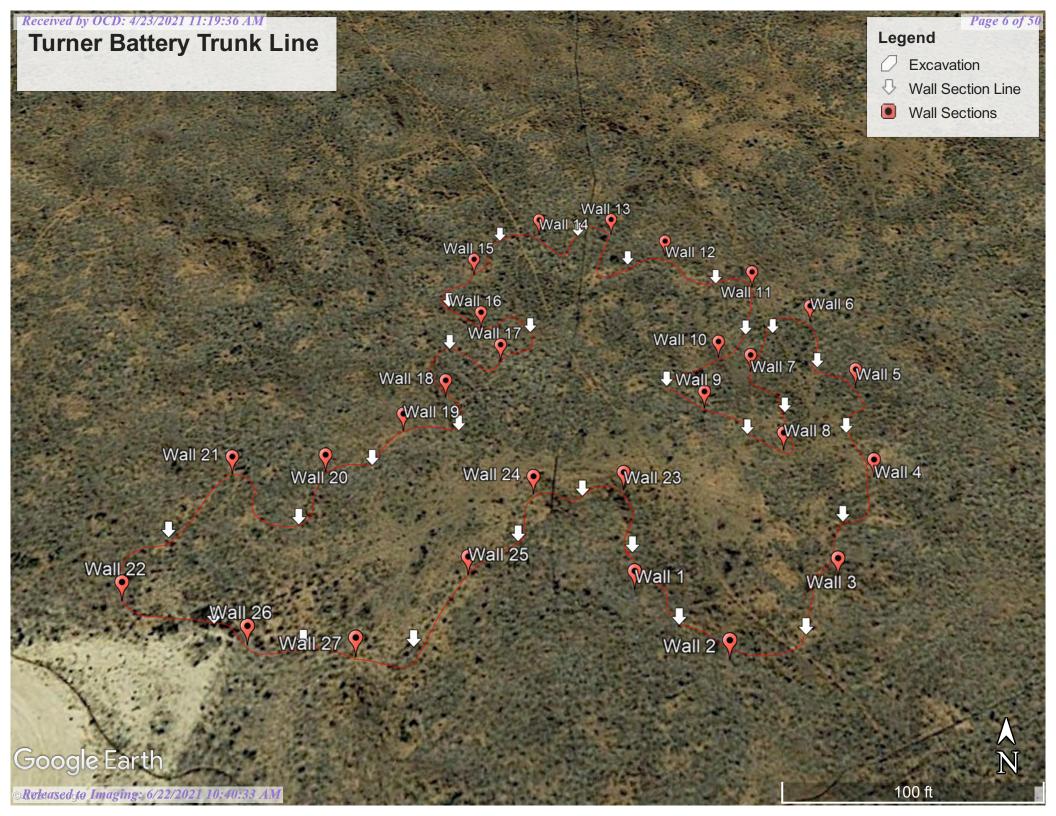
Closure Approved b	y: DENIED	Date:	06/18/2021
Printed Name:	Chad Hensley	Title:	Environmental Specialist Advanced

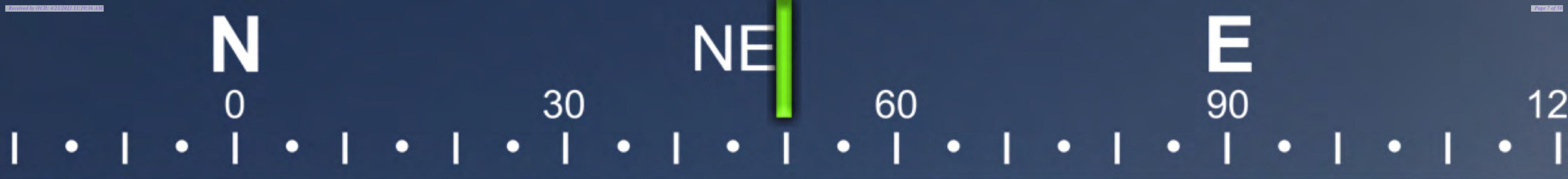
Project Name: Turner Battery Trunk Line

SAMPLE	SAMPLE	DEPTH	CHLORIDE	BTEX	TPH
ID	DATE	FT BGS	Mg/Kg	Mg/Kg	Mg/Kg
Sec W 1 Wall (H210471-01	2-22-21	1'-4'	480	<0.300	<10.0
Sec W 2 Wall (H210471-02	2-22-21	1'-4'	752	<0.300	<10.0
Sec W 2 Wall (H210605-01)	3-10-21	1'-4'	256	N/A	N/A
Sec W 3 Wall (H210471-03)	2-22-21	1'-4'	1090	<0.300	<10.0
Sec W 3 Wall H210605-02)	3-10-21	1'-4'	224	N/A	N/A
Sec W 4 Wall (H210471-04)	2-22-21	1'-4'	432	<0.300	<10.0
Sec W 5 Wall (H210471-05)	2-22-21	1'-4'	576	<0.300	<10.0
Sec W 6 Wall (H210543-03)	3-4-21	1'-4'	288	<0.300	<10.0
Sec W 7 Wall (H210471-06)	2-22-21	1'-4'	560	<0.300	<10.0
Sec W 8 Wall (H210471-07)	2-22-21	1'-4'	144	<0.300	<10.0
Sec W 9 Wall (H210471-08)	2-22-21	1'-4'	848	<0.300	<10.0
Sec W 9 Wall (H210605-04)	3-10-21	1'-4'	352	<0.300	<10.0
Sec W 10 Wall (H210471-09)	2-22-21	1'-4'	656	<0.300	<10.0
Sec W 10 Wall (H210605-05)	3-10-21	1'-4'	288	N/A	N/A
Sec W 11 Wall (H210471-09)	2-22-21	1'-4'	656	<0.300	<10.0
Sec W 11 Wall (H210471-10)	2-26-21	1'-4'	352	<0.300	<10.0
Sec W 12 Wall (H210543-02)	3-4-21	1'-4'	512	<0.300	<10.0

•

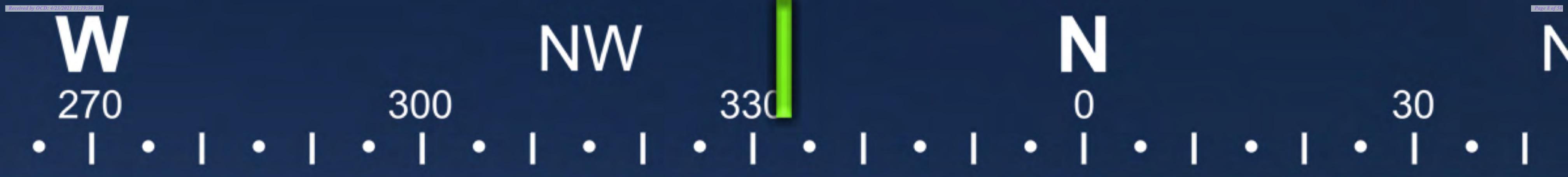
Sec W 13 Wall (H210543-03)	3-4-21	1'-4'	464	<0.300	<10.0
Sec W 14 Wall (H210471-11)	2-26-21	1'-4'	464	<0.300	<10.0
Sec W 15 Wall (H210471-13	2-26-21	1'-4'	384	<0.300	<10.0
Sec W 16 Wall (H210471-12)	2-26-21	1'-4'	80.0	<0.300	<10.0
Sec W 17 Wall (H210543-04	3-4-21	1'-4'	464	<0.300	<10.0
Sec W 18 Wall (H210543-05)	3-4-21	1'-4'	608	<0.300	<10.0
Sec W 18 Wall (H210471-14)	2-26-21	1'-4'	480	<0.300	<10.0
Sec W 19 Wall (H210548-01)	3-5-21	1'-4'	352	<0.300	<10.0
Sec W 20 Wall (H210548-02)	3-5-21	1'-4'	624	<0.300	<10.0
Sec W 20 Wall (H210605-06)	3-10-21	1'-4'	272	<0.300	<10.0
Sec W 21 Wall (H210543-06)	3-4-21	1'-4'	624	<0.300	<10.0
Sec W 21 Wall (H210605-07)	3-10-21	1'-4'	272	N/A	N/A
Sec W 22 Wall (H210573-04)	3-9-21	1'-4'	464	<0.300	<10.0
Sec W 23 Wall (H210573-01)	3-9-21	1'-4'	448	<0.300	<10.0
Sec W 24 Wall (H210573-02)	3-9-21	1'-4'	448	<0.300	<10.0
Sec W 25 Wall (H210573-03)	3-9-21	1'-4'	448	<0.300	<10.0
Sec W 26 Wall (H210573-05)	3-9-21	1'-4'	176	<0.300	<10.0
Sec W 27 Wall (H210573-06)	3-9-21	1'-4'	192	<0.300	<10.0







Excavation Diamondback



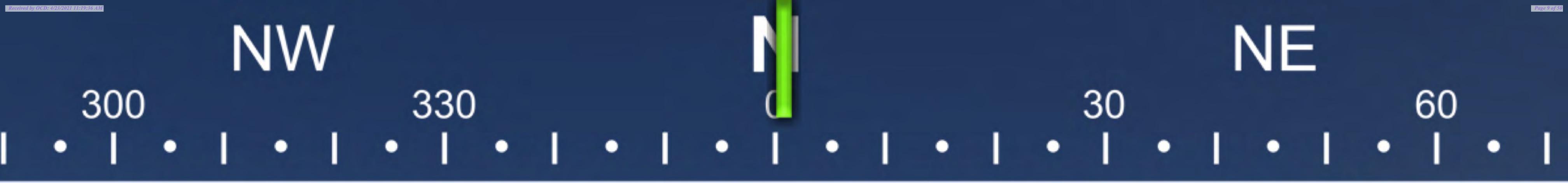
③ 333°NW (T) ● 32°27'47"N, 103°9'7"W ±13ft ▲ 3407ft



Excavation Diamondback

Constant of the second with the

Turner Trunk Line 20 Mar 2021, 08:36:20





Excavation Diamondback

Turner Trunk Line 20 Mar 2021, 08:36:51







② 187°S (T) ③ 32°27'48"N, 103°9'6"W ±13ft ▲ 3416ft



Excavation Diamondback

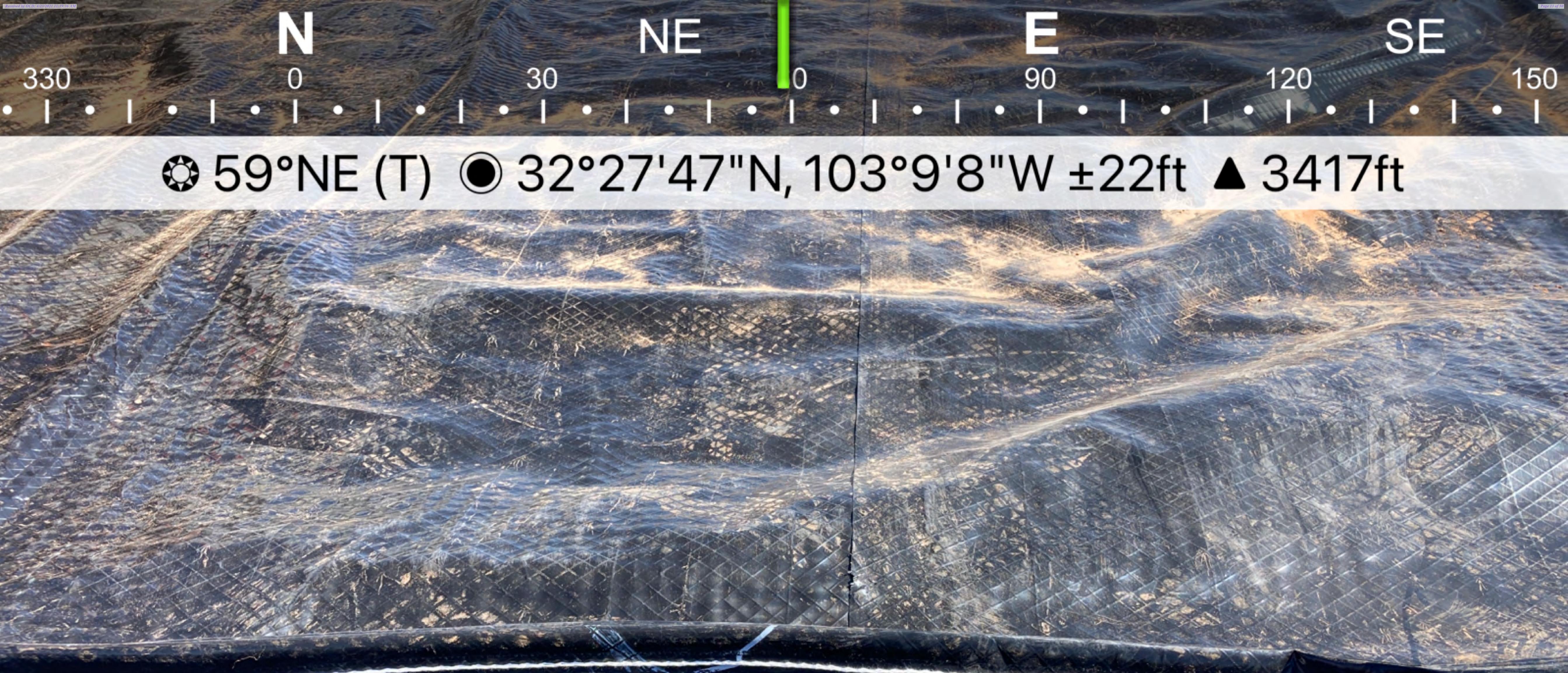
Turner Trunk Line 20 Mar 2021, 08:38:27



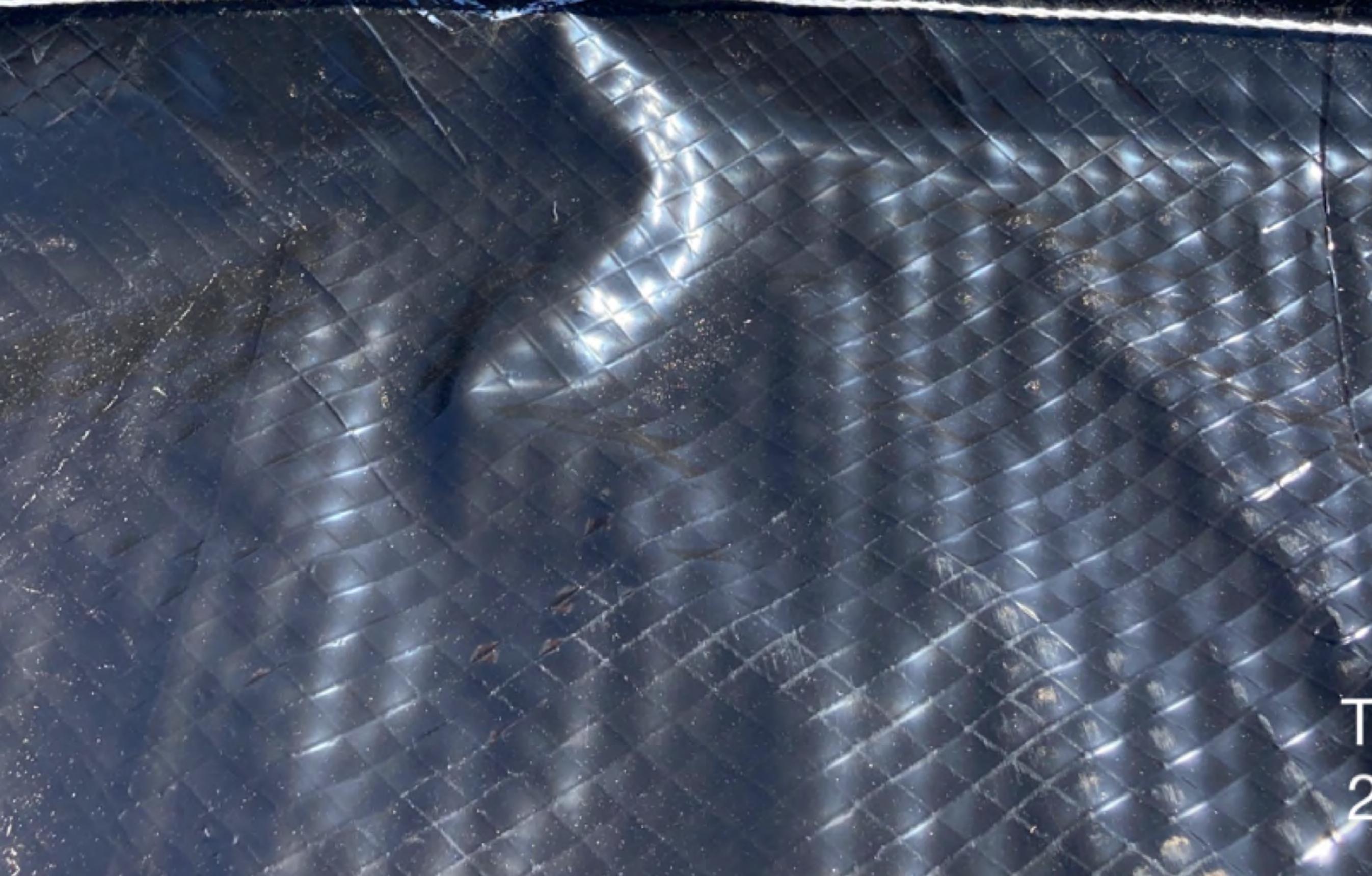


Excavation Diamondback

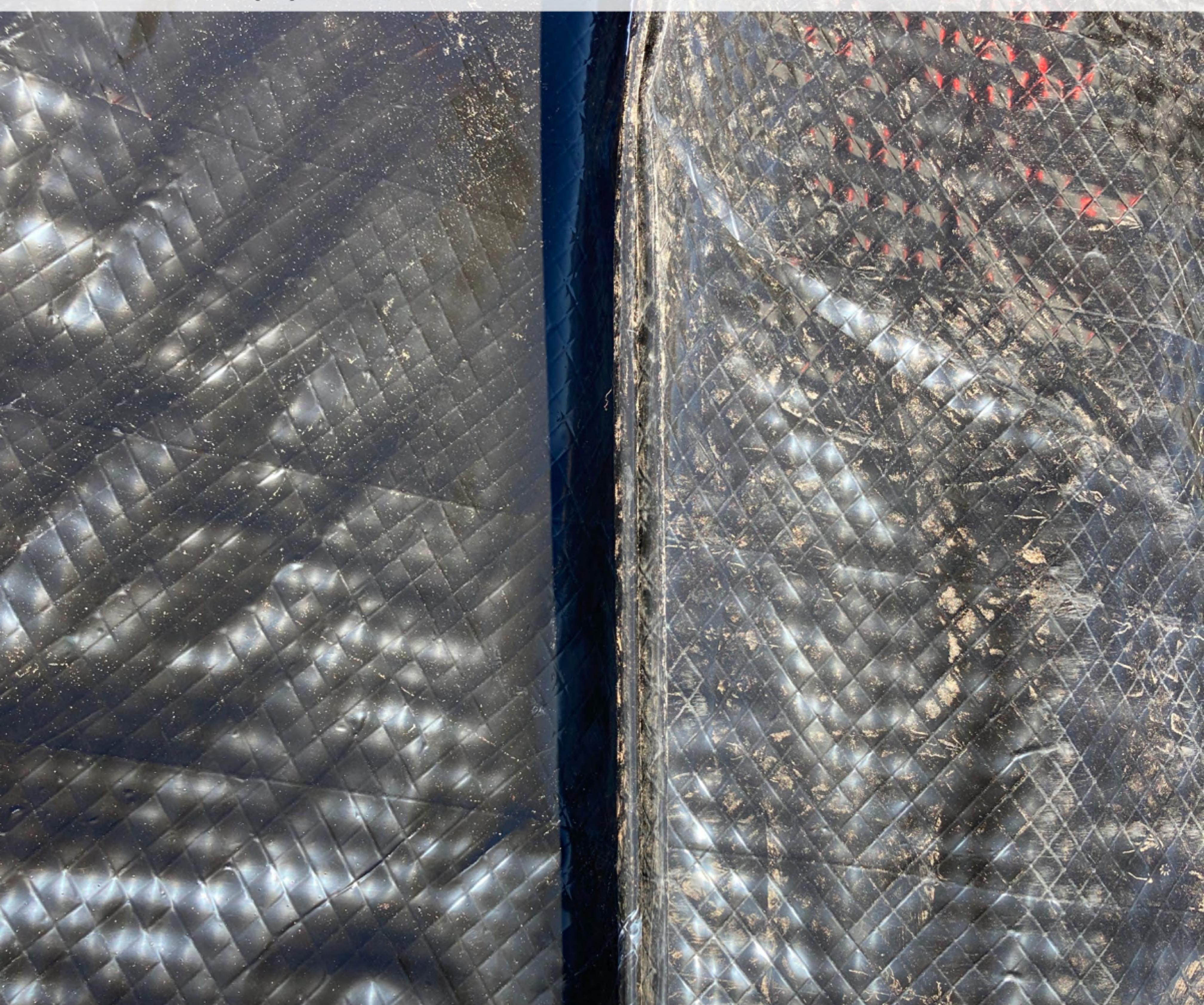
Turner Trunk Line 20 Mar 2021, 08:38:34



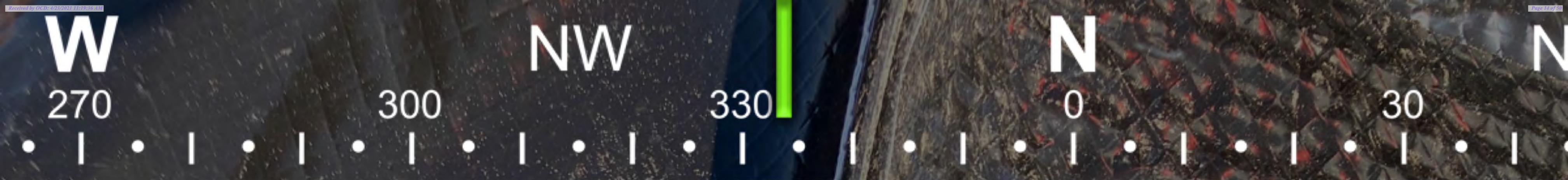
Excavation Diamondback



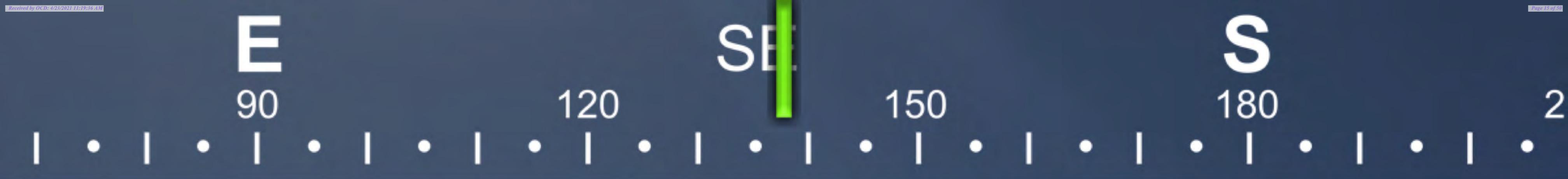
Turner Trunk Line Liner 23 Mar 2021, 10:27:10



© 334°NW (T) ● 32°27'47"N, 103°9'8"W ±19ft ▲ 3417ft



Excavation Diamondback Turner Trunk Line-Liner 23 Mar 2021 10:27:47



③ 138°SE (T) ④ 32°27'47"N, 103°9'7"W ±13ft ▲ 3415ft



Excavation Diamondback Turner Trunk Line Liner 23 Mar 2021, 10:28:10



Excavation Diamondback

NW NE **B**30 300 0 30 60 ③ 327°NW (T) ④ 32°27'47"N, 103°9'7"W ±19ft ▲ 3416ft

Turner Trunk Line Liner 23 Mar 2021, 10:28:49

Excavation Diamondback Turner Trunk Line Liner 23 Mar 2021, 10:29:06 Received by OCD: 4/23/2021 11:19:36 AM



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

March 03, 2021

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/01/21 8:40.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celuz D. Keine

Celey D. Keene Lab Director/Quality Manager



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/01/2021	Sampling Date:	02/22/2021
Reported:	03/03/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 1 1-4 BGS (H210471-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2021	ND	2.08	104	2.00	2.65	
Toluene*	<0.050	0.050	03/01/2021	ND	2.12	106	2.00	2.18	
Ethylbenzene*	<0.050	0.050	03/01/2021	ND	2.05	102	2.00	3.21	
Total Xylenes*	<0.150	0,150	03/01/2021	ND	5,98	99.7	6.00	3.07	
Total BTEX	<0.300	0.300	03/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIC 101 % 73.3-129

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	03/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg.	/kg	Analyze	d By: MS	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2021	ND	214	107	200	1.75	
DRO >C10-C28*	<10.0	10.0	03/02/2021	ND	225	112	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/02/2021	ND					
Surrogate: 1-Chlorooctane	76.5	% 44.3-14	14						
	77 7	N/ 12213	16						

Surrogate: 1-Chlorooctadecane 77.2 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim ansing, whether based in contract or bort, shall be limited to the amount paid by clent for analyses. All claims, including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal writin thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including, writioul limitation, business interruptions, loss of use, or loss of profits incidental by clent, its subsidieries, alliliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stuled reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keena



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

03/01/2021	Sampling Date:	02/22/2021
03/03/2021	Sampling Type:	Soil
TURNER BATTERY	Sampling Condition:	Cool & Intact
TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
NONE GIVEN		
	03/03/2021 TURNER BATTERY TURNER BATTERY TRUNK LINE	03/03/2021Sampling Type:TURNER BATTERYSampling Condition:TURNER BATTERY TRUNK LINESample Received By:

Sample ID: W 2 1-4 BGS (H210471-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2021	ND	2.08	104	2.00	2.65	
Toluene*	<0.050	0.050	03/01/2021	ND	2.12	106	2.00	2.18	
Ethylbenzene*	<0.050	0.050	03/01/2021	ND	2.05	102	2.00	3.21	
Total Xylenes*	<0.150	0.150	03/01/2021	ND	5.98	99.7	6.00	3.07	
Total BTEX	<0.300	0.300	03/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIE 101 % 73.3-129

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	03/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS	1.1				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2021	ND	214	107	200	1.75	
DRO >C10-C28*	<10.0	10.0	03/02/2021	ND	225	112	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/02/2021	ND					
Surrogate: 1-Chlorooctane	77.5 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	77.2 9	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damiages. Cardinal's liability and client's exclusive remedy for any claim artsing, whether based in contract or lort, shall be limited to the amount paid by client for analysiss. All claims, including those for negligence and any other cause whatboever shall be deemed walved unless made in writing and reserved by client, its subsidiaries, offiliates or successive anternotic or lort, shall be initial to the applicable service. In no event shall Cardinal be libble for incidental to consequential demages, including, without Imitation, business interruptions, loss of use, or less of profils incurred by client, its subsidiaries, offiliates or successive antiging out of or releaded to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This reportshall covers in full with written approval covertainties.

Celeg The



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/01/2021	Sampling Date:	02/22/2021
Reported:	03/03/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 3 1-4 BGS (H210471-03)

mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/01/2021	ND	2.17	109	2.00	0.320	
<0.050	0.050	03/01/2021	ND	2.18	109	2.00	0.206	
<0.050	0.050	03/01/2021	ND	2.13	106	2.00	0.296	
<0.150	0.150	03/01/2021	ND	6.23	104	6.00	0.417	
<0.300	0.300	03/01/2021	ND					
	Result <0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIE 101 % 73.3-129

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	03/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS	100				_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2021	ND	214	107	200	1.75	
DRO >C10-C28*	<10.0	10.0	03/02/2021	ND	225	112	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/02/2021	ND					
Surrogate: 1-Chlorooctane	78.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.4	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim artising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including these for negligence and any other cause whitstoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event, shall calma, be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profils incurred by claim, it subsidiaries, affiliates or successors atting out of or related to the performance of the services. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Jacobs stated reasons or contension.

Celeg 20

Celey D. Keene, Lab Director/Quality Manager



02/22/2021

Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 (575) 393-2432 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	03/01/2021 03/03/2021 TURNER BATTERY TURNER BATTERY TRUNK LINE NONE GIVEN	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	02/22/2021 Soil Cool & Intact Tamara Oldaker
---	---	--	---

Sample ID: W 4 1-4 BGS (H210471-04)

BTEX 8021B	mg/	kg	Analyze	а ву: мэ			State Alex		Qualifier
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualmer
Analyte	Result		00/01/2021	ND	2.17	109	2.00	0.320	
Benzene*	<0.050	0.050	03/01/2021			109	2.00	0.206	
Toluene*	<0.050	0.050	03/01/2021	ND	2.18			0.296	
Station and the second	<0.050	0.050	03/01/2021	ND	2.13	106	2.00		
Ethylbenzene*		0,150	03/01/2021	ND	6,23	104	6.00	0.417	
Total Xylenes*	<0.150		A CONTRACTOR	ND					
Total BTEX	<0.300	0.300	03/01/2021	NE					

A Den MC

73.3-129 Surrogate: 4-Bromofluorobenzene (PIE 101 %

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					100
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	03/02/2021	ND	214	107	200	1.75	
GRO C6-C10*			03/02/2021	ND	225	112	200	3.74	
DRO >C10-C28*	<10.0	10.0		ND					
EXT DRO >C28-C36	<10.0	10.0	03/02/2021	ND					
Surrogate: 1-Chlorooctane	78.4	% 44.3-1-	44						
Surrogate: 1-Chlorooctadecane	77.1	% 42.2-1.	56						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Condinal's liability and client's exclusive remady for any claim arising, whether based in contract or toirt, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed weived unless made to writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for indicantal or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profile incurred by client, to subsidiaries, affiliates or successors artising out of or related to the performance of the survices hereunder by Cardinal, regardless of whether such childing is besed upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celen Z. Kune



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Sampling Type:	Soil
Sampling Condition:	Cool & Intact
Sample Received By:	Tamara Oldaker
and the second se	No. Cale 2 Cit 202

Sample ID: W 8 1-4 BGS (H210471-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2021	ND	2.17	109	2.00	0.320	
Toluene*	<0.050	0.050	03/01/2021	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/01/2021	ND	2.13	106	2.00	0.296	
Total Xylenes*	<0.150	0.150	03/01/2021	ND	6,23	104	6.00	0.417	
Total BTEX	<0.300	0.300	03/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIE 101 % 73.3-129

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS		_	1000 A		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2021	ND	218	109	200	0.265	
DRO >C10-C28*	<10.0	10.0	03/02/2021	ND	208	104	200	0.826	
EXT DRO >C28-C36	<10.0	10.0	03/02/2021	ND					
Surrogate: 1-Chlorooctane	73.4 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	73.6 5	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shell be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cause whatbeever shall be deemed warved unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be lighte for incidental er consequential damages, including those in the applicable service. In no event shall Cardinal be lighte for incidental er consequential damages, including those interruptions, loss of use, or poss of profits incurved by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be lighte for incidental er consequential damages, including the above state causes of the services, interruptions, loss of use, or poss of profits incurved by Client, its subsidiaries, affiliates or successors alsing on ut of or related to the performance of the services thereunder by Cardinal, regardless of whether such claim is based upon any of the above stated recentories.

Celeg Zike



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/01/2021	Sampling Date:	02/22/2021
Reported:	03/03/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 9 1-4 BGS (H210471-08)

mg,	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/01/2021	ND	2.17	109	2.00	0.320	
<0.050	0.050	03/01/2021	ND	2.18	109	2.00	0.206	
<0.050	0.050	03/01/2021	ND	2.13	106	2.00	0.296	
<0.150	0.150	03/01/2021	ND	6,23	104	6.00	0.417	
<0.300	0.300	03/01/2021	ND					
	Result <0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.3-129

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	03/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2021	ND	218	109	200	0.265	
DRO >C10-C28*	<10.0	10.0	03/02/2021	ND	208	104	200	0.826	
EXT DRO >C28-C36	<10.0	10.0	03/02/2021	ND					
Surrogate: 1-Chlorooctane	76.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	76.6	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clean's exclusive remody for any claim arising, whether based in contract or but, shall be limited to the amount paid by cleim for analyses. All claims, including those for negligence and, any other cause whiteboever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable services. This no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, effiliates or successors antising out of or related to the performance of the services nereunder by Cardinal, regardless of whether such claim is based carcet in full with written epyrood of Cardinal barratives.

Celeg Z.K.



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD, HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/01/2021	Sampling Date:	02/22/2021
Reported:	03/03/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		Contraction of Security

Sample ID: W 11 1-4 BGS (H210471-09)

mg,	mg/kg		Analyzed By: MS				_	
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/01/2021	ND	2.17	109	2.00	0.320	
<0.050	0.050	03/01/2021	ND	2.18	109	2.00	0.206	
<0.050	0.050	03/01/2021	ND	2.13	106	2.00	0.296	
<0.150	0,150	03/01/2021	ND	6.23	104	6.00	0.417	
<0.300	0,300	03/01/2021	ND					
	Result <0.050 <0.050 <0.050 <0.150	Result Reporting Limit <0.050	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIE 102 % 73.3-129

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	03/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg)	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2021	ND	218	109	200	0.265	
DRO >C10-C28*	<10.0	10.0	03/02/2021	ND	208	104	200	0.826	
EXT DRO >C28-C36	<10.0	10.0	03/02/2021	ND					
Surrogate: 1-Chlorooctane	75.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	78.2	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remety for any claim arising, whether based in contract or nort, shall be limited to the amount paid by client for analyses. All claims, including these for negligance and any other cause whatsoever shall be deamed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.





March 09, 2021

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/04/21 16:41.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/04/2021	Sampling Date:	03/04/2021
Reported:	03/09/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 6 BGS 1'- 4' (H210543-01)

Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
03/05/2021	ND					
Contraction of the	ND	2.10	105	2.00	0.593	
03/05/2021	ND	2.11	105	2.00	1.05	
0 03/05/2021	ND	2.08	104	2.00	0.860	
0 03/05/2021	ND	6.11	102	6.00	1.01	
0 03/05/2021	ND					
	0 03/05/2021 0 03/05/2021	0 03/05/2021 ND 0 03/05/2021 ND	0 03/05/2021 ND 2.08 0 03/05/2021 ND 6.11	0 03/05/2021 ND 2.08 104 0 03/05/2021 ND 6.11 102	D 03/05/2021 ND 2.08 104 2.00 D 03/05/2021 ND 6.11 102 6.00	D 03/05/2021 ND 2.08 104 2.00 0.860 D 03/05/2021 ND 6.11 102 6.00 1.01

73.3-129

Surrogate: 4-Bromofluorobenzene (PIL 104 %

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC	_				_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/05/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS			_		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2021	ND	202	101	200	5.54	
DRO >C10-C28*	<10.0	10.0	03/05/2021	ND	227	113	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/05/2021	ND					
Surrogate: 1-Chlorooctane	85.1	% 44.3-14	14		_				
Surrogate: 1-Chlorooctadecane	85.7	% 42.2-1	56						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clenc's exclusive nemoty for any claim arising, whether based in contract or tort, shall be limited to the amount paid by clent for analysis. All claims, including these for negligence and any other cause whatoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be far incidental or consequential camages, including, without limitation, business interruptions, loss of use, or loss of profits incumed by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg L.Ke



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/04/2021	Sampling Date:	03/04/2021
Reported:	03/09/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		
	NONE GIVEN		

Sample ID: W 12 BGS 1'- 4' (H210543-02)

BTEX 8021B	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2021	ND	2,10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/05/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/05/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/05/2021	ND	6.11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC		_			-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	512	16.0	03/05/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	ed By: MS		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	03/05/2021	ND	202	101	200	5.54	
DRO >C10-C28*	<10.0	10.0	03/05/2021	ND	227	113	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/05/2021	ND					
Surrogate: 1-Chlorooctane	80.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	79.2	% 42.2-1	56						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be lieble for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profils incurred by client, is subsidiaries, affiliable or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D.K.

Celey D. Keene, Lab Director/Quality Manager



Page 29 of 50

Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/04/2021	Sampling Date:	03/04/2021
Reported:	03/09/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 17 BGS 1'- 4' (H210543-04)

BTEX 8021B	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/05/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/05/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/05/2021	ND	6.11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.3-129

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/05/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					
Surrogate: 1-Chlorooctane	80.3	% 44.3-14	14						
			0						

Surrogate: 1-Chlorooctadecane 76.5 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

PLEASE WOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim artsing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for neglepine and any other cases whatspeever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits inciment by client, is subsidiaries, affiliates or successors animg out of or related to the performance of the services hereunder by Cardinal, regardless of whicher such claim is travel upon any of the above stater measures. Results relate only to be samples identified above. This report shall not be mandles identified above. This report shall not be mandles identified above.

Celeg the

Celey D. Keene, Lab Director/Quality Manager





Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/04/2021	Sampling Date:	03/04/2021
Reported:	03/09/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 18 BGS 1'- 4' (H210543-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/05/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/05/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/05/2021	ND	6.11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.3-129

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	03/05/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS		- 1°-		1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	109	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.3-14	14						
Sector States and the sector									

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Linkbilly and Damages. Candinal's liability and client's exclusive remarky for any claim ansing, whether based in contract or tort, shall be finited to the amount paid by client for analyses. All cleims, including those for negligence and any other cause, whatboever shall be deemed waived unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, less of use, or loss of profits incurred by client, its subsidiaries, affiliates or string out of or related to the performance of the services hereinder by Cardinal, regardless of whether such claim is based upon any of the above stated researces or otherwise, regular cells only to the services. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Ken

Celey D. Keene, Lab Director/Quality Manager



Page 31 of 50

Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/04/2021	Sampling Date:	03/04/2021
Reported:	03/09/2021	Sampling Type:	Soil
	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		
	TURNER BATTERY TURNER BATTERY TRUNK LINE	Sampling Condition:	Cool & Intact

Sample ID: W 21 BGS 1'- 4' (H210543-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2021	ND	2.10	105	2.00	0.593	
Toluene*	<0.050	0.050	03/05/2021	ND	2.11	105	2.00	1.05	
Ethylbenzene*	<0.050	0.050	03/05/2021	ND	2.08	104	2.00	0.860	
Total Xylenes*	<0.150	0.150	03/05/2021	ND	6,11	102	6.00	1.01	
Total BTEX	<0.300	0.300	03/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIL 104 % 73.3-129

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	03/05/2021	ND	416	104	400	3.77	
TPH 8015M	mg.	/kg	Analyzed By: MS		and the second second		_		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	199	99.5	200	10.6	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	218	109	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					_
Surrogate: 1-Chlorooctane	80.0	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	77.4	% 42.2-1	56						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether lassed in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, fors of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hareunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Z. Ke

Received by OCD: 4/23/2021 11:19:36 AM



Page 32 of 50

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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Lability and Damages. Continue's liability and client's exclusive remedy for any claim airlang, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, indusing those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated mesons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Z. Kein

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 4/23/2021 11:19:36 AM

Released to Imaging: 6/22/2021 10:40:33 AM

PLASE NOTE: Usbildy and Durrages Cardina's labely and client's actuise remedy for my claim ansing whether based in contract of text shall be limited to the annual pad by the client of the application and sections included to the performance of whether and and sective by Cardinal whether and the performance of whether such claim is based upon any of the completion of the application of the applicat	GROUNDWATER WASTEWATER	Company Name: Apuche Project Manager: Apuche Address: City: Hobos Phone #: Project Name: Project Name: Sampler Name: Che Outsweld, C. MATRIX	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
use remody for any claim arrange weeker based in contrast or test shall be immed to the amount pad by the cleint for the applicable usesseer shall be deemed waved unless made in writing and needed by cardinal within 30 days after completion of the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the annual pad by the cleint for the applicable is asseer shall be immed to the applicable is astread is astread is asseer cleint show shall the appli	OIL SLUDGE OTHER : ACID/BASE: CCP COOL OTHER : DATE IC IN IN IC IS SAME X X X X X CL X X X X X K BITEX	P.O. #: Company: Attn: Address: Address: State: Zip: Phone #: Fax #: Fax #:	

Page 33 of 50

Received by OCD: 4/23/2021 11:19:36 AM



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

March 09, 2021

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/05/21 16:00.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received: Reported: Project Name: Project Number: Project Location:	03/05/2021 03/09/2021 TURNER BATTERY TURNER BATTERY TRUNK LINE NONE GIVEN	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	03/05/2021 Soil Cool & Intact Tamara Oldaker
---	---	--	---

Sample ID: W 19 BGS 1'-4' (H210548-01)

1B mg/kg		Analyze	d By: MS	_			-	
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/08/2021	ND	2.12	106	2.00	2.44	
	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
	0.300	03/08/2021	ND					
		Result Reporting Limit <0.050	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.3-129

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result 352	Reporting Limit 16.0	Analyzed 03/08/2021	Method Blank	BS 400	% Recovery	True Value QC 400	RPD 0.00	Qualifier
TPH 8015M	mg,	/kg	Analyze	d By: MS				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	203	101	200	6.96	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	222	111	200	6,04	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					
Surrogate: 1-Chlorooctane	82.0	44.3-1-	44						
Surrogate: 1-Chlorooctadecane	81-4	42.2-1.	56						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim arising, whattier based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of or related to the performance of the services hereunder by Cardinal, regardless of whether such including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Z.Ke

Celey D. Keene, Lab Director/Quality Manager



March 15, 2021

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/09/21 16:45.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/09/2021	Sampling Date:	03/09/2021
Reported:	03/15/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	
Project Location:	NONE GIVEN		
Project Number:	TURNER BATTERY TRUNK LINE	Sampling Condition: Sample Received By:	** (See Notes) Tamara Oldake

Sample ID: W 23 BGS 1'-4' (H210573-01)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2021	ND	2.02	101	2.00	0.458	
Toluene*	<0.050	0.050	03/11/2021	ND	2.09	105	2.00	1.47	
Ethylbenzene*	<0.050	0.050	03/11/2021	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/11/2021	ND	6.68	111	6.00	1.25	
Total BTEX	<0.300	0.300	03/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIE 110 % 73.3-129

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/11/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					
Surrogate: 1-Chlorooctane	81.7%	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	77.99	6 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any daim article, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and intry offer raise whistoever shall be desined waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or bass of profits incurved by client, its subsidiaries, affiliates or successors arising out of or related in the performance of the services hereunder by Cardinal, regardless of whether such claim is based enon any of the above stated reasons or otherwise, Results relate only to the sample above. This report shall not be reportuded of Cardinal Cardin

Celeg Z. Ke

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

tes)
laker
aker
oi

Sample ID: W 24 BGS 1'-4' (H210573-02)

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	03/11/2021	ND	2.02	101	2.00	0.458	
Toluene*	<0.050	0.050	03/11/2021	ND	2.09	105	2.00	1.47	
Ethylbenzene*	<0.050	0.050	03/11/2021	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/11/2021	ND	6.68	111	6.00	1.25	
Total BTEX	<0.300	0,300	03/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIE 108 % 73.3-129

Chloride, SM4500CI-B	mg/	lkg	Analyze	d By: GM					
Analyte Chloride	Result	Reporting Limit	Analyzed 03/11/2021	Method Blank	8S 416	% Recovery	True Value QC 400	RPD 3.92	Qualifier
TPH 8015M	mg/	kg	Analyze	d By: MS		201	100	5.92	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND				0/1.56	
Surrogate: 1-Chlorooctane	78.6 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.5 9	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEXE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remody for any chain ensing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Candinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, writing inducting, writing inducting, affiliates or successors arising out of on related to the performance of the services interruptions, loss of use, or lines of profils incurred by client, its subsidiaries, affiliates or successors arising out of on related to the performance of the services interruptions, loss of use, or lines of profils incurred by client, its subsidiaries, affiliates or successors arising out of on related to the performance of the services interruptions. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Z. Ke



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/09/2021	Sampling Date:	03/09/2021
Reported:	03/15/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN	Dampie Redarred by:	Tanara Oluaker

Sample ID: W 25 BGS 1'-4' (H210573-03)

mg/	/kg	Analyze	d By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/11/2021	ND	2.02	101	2.00	0.458	
<0.050	0.050	03/11/2021	ND	2.09	105	2.00	1.47	
<0.050	0.050	03/11/2021	ND	2.12	106	2.00	1.20	
<0.150	0.150	03/11/2021	ND	6.68	111	6.00	1.25	
<0.300	0.300	03/11/2021	ND					
	Result <0.050 <0.050 <0.050 <0.150	Result Reporting Limit <0.050	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 108 % 73.3-129

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/11/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND			- 24	01000	
Surrogate: 1-Chlorooctane	77.1 9	6 44.3-144	1						
Surrogate: 1-Chlorooctadecane	73.4 9	6 42.2-150	é .						

Cardinal Laboratories

*=Accredited Analyte

FLEASE NOTE: Liability and Damages. Oxidinal's liability and client's exclusive remedy for any claim arising, whether based in contract or text, shall be imited to the anount paid by client, for analyses. All claims, meluring those for negligarize and any other cause whilesever shall be deemed waived unless made in writing and reaceved by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without imitation, business interruptions, test of use, or loss of profits incurred by client, its subsidiaries, alfiliables of successors arising out of or related to the performance of the services incrunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related above, This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & the



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/09/2021	Sampling Date:	03/09/2021
Reported:	03/15/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN	bumpie received by:	

Sample ID: W 22 BGS 1'-4' (H210573-04)

mg/kg		Analyzed By: ms						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/11/2021	ND	2.02	101	2.00	0.458	
<0.050	0.050	03/11/2021	ND	2,09	105	2.00	1.47	
<0.050	0.050	03/11/2021	ND	2.12	106	2.00	1.20	
<0.150	0.150	03/11/2021	ND	6.68	111	6.00	1.25	
<0,300	0.300	03/11/2021	ND					
	Result <0.050 <0.050 <0.050 <0.150	Result Reporting Limit <0.050	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 109 % 73.3-129

Chloride, SM4500CI-B	mg/kg		Analyzed By: GM		_				
Analyte Chloride TPH 8015M	Result 464 mg	Reporting Limit 16.0 /kg	Analyzed 03/11/2021 Analyze	Method Blank ND ed By: MS	BS 416	% Recovery 104	True Value QC 400	RPD 3.92	Qualifier
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND				10.20	
Surrogate: 1-Chlorooctane	76.8	% 44.3-14	4						
Contract to Classical and		The second							

Surrogate: 1-Chlorooctadecane 73.0% 42.2-156

Cardinal Laboratories

*=Accredited Analyte

PEASE NOTE: Liability and Damages. Cardinal's liability and clent's coclusive remody for any daim arising, whether based in contract or tort, shall be limited to the amount paid by dibnt for analyses. All claims, including trose for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thiny (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, altifiates or successors arising out of or related to the performance of the services thereander by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Dither



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/09/2021	Sampling Date:	03/09/2021
Reported:	03/15/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	and the second se
Project Location:	NONE GIVEN	Sumple Received by.	Tamara Oldaker

Sample ID: W 26 BGS 1'-4' (H210573-05)

BTEX 8021B	mg/	kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2021	ND	2.02	101	2.00	0.458	
Toluene*	<0.050	0.050	03/11/2021	ND	2.09	105	2.00	1.47	
Ethylbenzene*	<0.050	0.050	03/11/2021	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/11/2021	ND	6.68	111	6.00	1.25	
Total BTEX	<0.300	0.300	03/11/2021	ND				1.25	
Surrogate: 4-Bromofluorobenzene (PIL	110 %	73.3-129	,						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/11/2021	ND	416	104	400	3.92	L'entres.
TPH 8015M	mg/kg		Analyzed By: MS					5.52	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	Quanter
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND				0.505	
Surrogate: 1-Chlorooctane	78.0 %	44.3-144	1						
Surrogate: 1-Chlorooctadecane	74.2 %	42.2-156							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Candinal's liability and client's exclusive remedy for any claim arising, whether based in contract or fort, shall be limited to the amount paid by client for analyses. All claims, inducing those for negligence and including, without limitadon, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, effiliates or successors arising out of or nelated to the performance of the services. Incurred by Cardinal, regardless of whether such damages, claim is based upon any of the above stated reasons or otherwise. Results relate doing the identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg 2. +



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/09/2021	Sampling Date:	03/09/2021
Reported:	03/15/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	TURNER BATTERY TRUNK LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		ramara Oldaker

Sample ID: W 27 BGS 1'-4' (H210573-06)

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	03/11/2021	ND	2.02	101	2.00	0.458	
Toluene*	<0.050	0.050	03/11/2021	ND	2.09	105	2.00	1.47	
Ethylbenzene*	<0.050	0.050	03/11/2021	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	03/11/2021	ND	6.68	111	6.00	1.25	
Total BTEX	<0.300	0.300	03/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIE 110 % 73.3-129

Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte Chloride TPH 8015M	Result 192 mg/	Reporting Limit 16.0	Analyzed 03/11/2021 Analyze	Method Blank ND ed By: MS	BS 416	% Recovery	True Value QC 400	RPD 3.92	Qualifier
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2021	ND	208	104	200	1.61	Quantici
DRO >C10-C28*	<10.0	10.0	03/10/2021	ND	218	109	200	0.365	
EXT DRO >C28-C36	<10.0	10.0	03/10/2021	ND					
Surrogate: 1-Chlorooctane	74.6 5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	70.7 5	% 42.2-15	5						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim artising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatbacever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, affiliates or successors arising rail of or related to the performance of the services hereander by Cardinal, regardless of writeries such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey Z. Kee

Received by OCD: 4/23/2021 11:19:36 AM



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

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.
12	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

IFLEASE NOTE: Liability and Damäges. Cardinal's liability and client's exclusive remody for any daim artising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the always stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez Di Keene

Received by OCD: 4/23/2021 11:19:36 AM

Project Manager: Britting Builton Relinquished By: Relinquished By: Sampler Name: Project Location: service In no event shall Cardinal be analyses. All claims Project Name: Project #: Phone #: city: Mobos Address Sampler - UPS - Bus - Other: LEASE NOTE: Liability and Dan Company Name: Delivered By: (Circle One) FOR LAB USE ONLY Lab I.D including those for negligence and any other cause whats Cen E Se S EBB way Ren 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 under Battery Inucle line B hable Cardinal's liability and client's Sample I.D. ñ BESS AN SCICK ratories Observed Temp. °C Corrected Temp. °C Fax #: Project Owner: Date: Time: Date: Time State: + Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com 5-2 645 2 shall be dee including without limitation, business inter eay for any ght 25 with 8.4 00 nc (7 (G)RAB OR (C)OMP) Received By Received By med waived u # CONTAINERS GROUNDWATER unless made in writing and received by Cardinal within 30 days after completion of the applicable Cool Intact Yes Yes Sample Condition WASTEWATER MATRIX SOIL ter such claim is based upon any or the acceleration OIL SLUDGE loss of use, or loss of profits incurred by client, its subsidiaries Fax #: State: City: OTHER Attn: Phone #: P.O. #: Address: Company: ACID/BASE PRESERV. CHECKED BY: (Initials) ICE) COOL OTHER BILL d S Zip: w DATE 0 70 2 SAMPLING t paid by the client for the Pisico Sico CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Turnaround Time: Sich Sich REMARKS: Thermometer ID #113 Correction Factor None All Results are emailed. Please provide Email address: Verbal Result: TIME D Yes TP nuc Standard BTEX O No of. ANALYSIS Bacteria (only) Sample Condition Add'l Phone #: REQUEST Corrected Temp. °C ĉ

Released to Imaging: 6/22/2021 10:40:33 AM

Page 44 of 50



March 15, 2021

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/10/21 16:21.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

03/10/2021	Sampling Date:	03/10/2021
03/15/2021	Sampling Type:	Soil
TURNER BATTERY	Sampling Condition:	Cool & Intact
TRUNK LINE (TBTL)	Sample Received By:	Jodi Henson
NONE GIVEN		
	03/15/2021 TURNER BATTERY TRUNK LINE (TBTL)	03/15/2021Sampling Type:TURNER BATTERYSampling Condition:TRUNK LINE (TBTL)Sample Received By:

Sample ID: W 2 BGS 1'- 4' (H210605-01)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/12/2021	ND	400	100	400	0.00	

Sample ID: W 3 BGS 1'- 4' (H210605-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					¥
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/12/2021	ND	400	100	400	0.00	

Sample ID: W 18 BGS 1'- 4' (H210605-03)

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	03/12/2021	ND	400	100	400	0.00	

Sample ID: W 9 BGS 1'- 4' (H210605-04)

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	03/12/2021	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive runnedy for any claim ansing, whether based in contract or tart, shall be limited to the amount paid by client for analyses. All claims, including those for negligencu and any other cause whatsoewe shall be deemed waived unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall cardinal be table for incidential or converyuntial damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Cardinal web there provide and arising out of nr related to the performance of the services hereunder by Cardinal, regardless of whether such datin is based in the above stated reasons or otherwise, Results relate only to the services identified above.

Celley 2. tree



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	03/10/2021	Sampling Date:	03/10/2021
Reported:	03/15/2021	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE (TBTL)	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN	A State And	

Sample ID: W 10 BGS 1'- 4' (H210605-05)

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	03/12/2021	ND	400	100	400	0.00	

Sample ID: W 20 BGS 1'- 4' (H210605-06)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/12/2021	ND	400	100	400	0.00	

Sample ID: W 21 BGS 1'- 4' (H210605-07)

Chioride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/12/2021	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damäges. Cardinal's liability and client's exclusive remody for any claim arising, whether based in contract or tort, shall be imited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and reactived by Cardinal within trirty (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 athing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such chain is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reported accept in full with writen approval of Cardinal Suboratories.

Celeg D.Ke

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 4/23/2021 11:19:36 AM



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

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.
8	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Cellery T. Keene

Celey D. Keene, Lab Director/Quality Manager

101 East Mariand, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Project Manager: Bruce Buluer city: Hoboos Sampler Name: Project Location: Project Name: Project #: Phone #: Address H210605 Relinquished By service. In no event shall Cardinal be liable analyses. All claims Relinquished By: PLEASE NOTE: Lia FOR LAB USE ONLY Sampler - UPS - Bus - Other: Delivered By: (Circle One) Lab I.D. Inf Car incl uding those Houche 83 E g 527 5 20 CARD Lucust (575) 393-2326 FAX (575) 393-2476 B Furner Button bruduline (TISIL for negligence and any other 0 865 1-4' PCS 1-4 Sample I.D. SUS ed to the BGS 1-4 me Krehur Observed Temp. °C 5,4 Corrected Temp. client's exclusive remedy for any Project Owner: Fax # State: Time: 2 Date: rental damages, including without limit Date: Time: whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com NH Zip: 88240 25 ô (G)RAB OR (C)OMP 107 COC Received By: Received By: # CONTAINERS GROUNDWATER Yes Yes WASTEWATER Sample Condition MATRIX based in contract or tort, shall be limited SOIL OIL SLUDGE tions, loss of use, or loss of profits incurred by client, its subsidiaries Phone P.O. #: State: Fax #: City: Attn: Address: Company: OTHER ACID/BASE: PRESERV. and up the Jo ICE COOL # CHECKED BY: BILL OTHER Initials Zip: W S DATE 10 6 10 SAMPLING paid by the client for the Gmail " 10:10 10:12 Hendersond Buck 24 @ Juhoo . Con 10: 20 Thermometer ID #113 Correction Factor None 10:30 1:34 10:30 TIME S me: Brune 1 ANALYSIS Add'I Phone #: Cool Intact Baeteria (only) Sample Condition REQUEST Corrected Temp. °C Observed Temp. ĉ

Released to Imaging: 6/22/2021 10:40:33 AM

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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

District III

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

District IV

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

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

CONDITIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	25374
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	6/22/2021

Page 50 of 50 CONDITIONS

Action 25374