

**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.

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)
- 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 Baker Date: 4/22/2021
 email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only

Received by: Chad Hensley 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 by: **DENIED** Date: 06/18/2021
 Printed Name: Chad Hensley Title: Environmental Specialist Advanced

Project Name:

Turner Battery Trunk Line

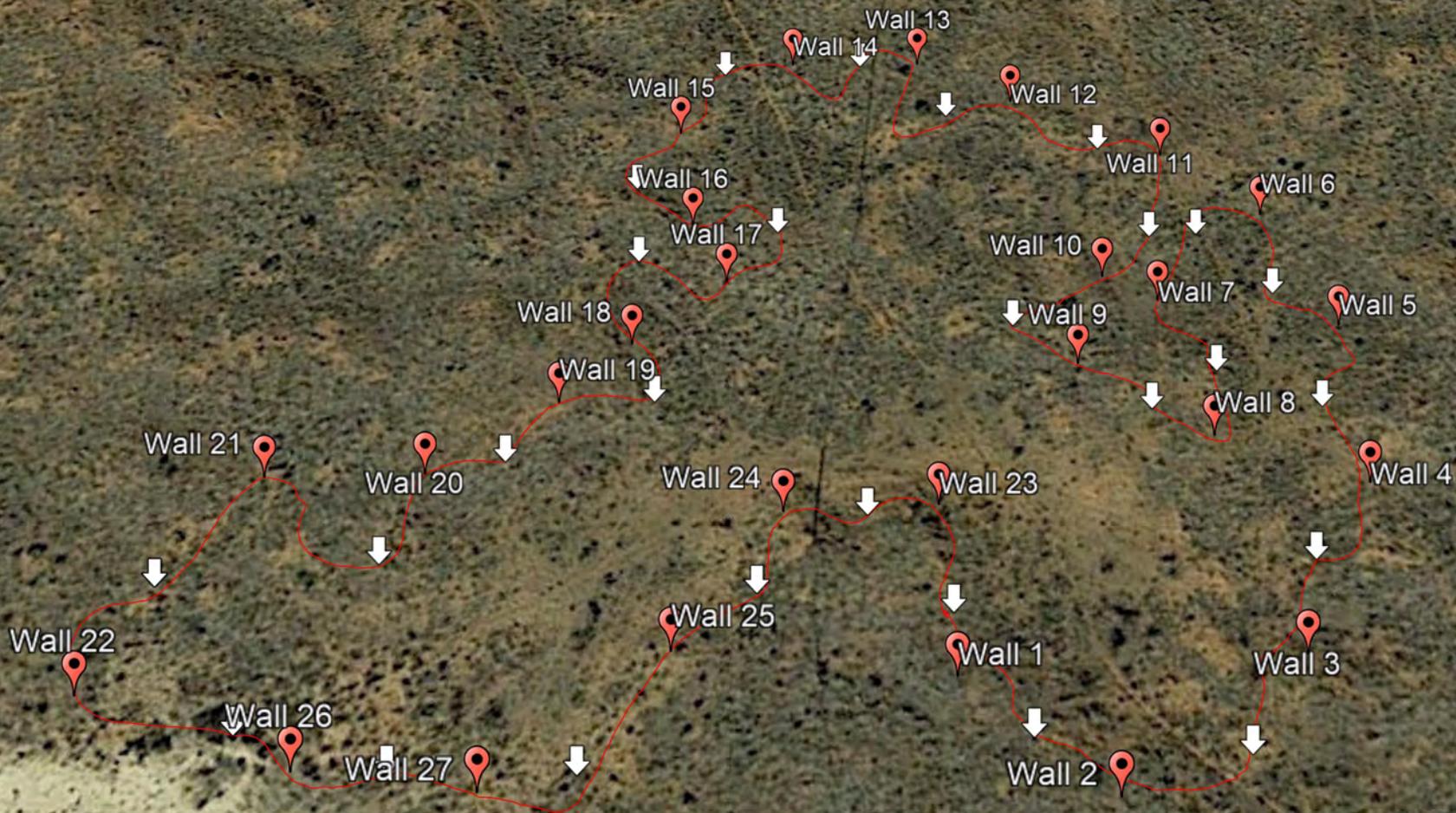
SAMPLE ID	SAMPLE DATE	DEPTH FT BGS	CHLORIDE Mg/Kg	BTEX Mg/Kg	TPH Mg/Kg
Sec W 1 Wall (H210471-01)	2-22-21	1'-4'	480	<0.300	<10.0
Sec W 2 Wall (H210471-02)	2-22-21	1'-4'	752	<0.300	<10.0
Sec W 2 Wall (H210605-01)	3-10-21	1'-4'	256	N/A	N/A
Sec W 3 Wall (H210471-03)	2-22-21	1'-4'	1090	<0.300	<10.0
Sec W 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

Turner Battery Trunk Line

Legend

-  Excavation
-  Wall Section Line
-  Wall Sections



Google Earth



100 ft

N

NE

E

0

30

60

90

120

☀ 50°NE (T) ● 32°27'46"N, 103°9'9"W ±22ft ▲ 3416ft



Excavation
Diamondback

Turner Trunk Line
20 Mar 2021, 08:34:03

W 270 NW 330 N 0 30

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



Excavation
Diamondback

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



☀ 0°N (T) ● 32°27'47"N, 103°9'6"W ±13ft ▲ 3418ft



Excavation
Diamondback

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

S

180

SW

210

240

W

270

☉ 225°SW (T) ☉ 32°27'48"N, 103°9'7"W ±13ft ▲ 3416ft



Excavation
Diamondback

Turner Trunk Line
20 Mar 2021, 08:38:04

SE

S

SW

120

150

180

210

240

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



Excavation
Diamondback

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

SW

W

NW

210

240

270

300

330

☉ 276°W (T) ● 32°27'48"N, 103°9'6"W ±13ft ▲ 3416ft



Excavation
Diamondback

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



☀ 59°NE (T) ● 32°27'47"N, 103°9'8"W ±22ft ▲ 3417ft



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

E

90

SE

120

150

S

180

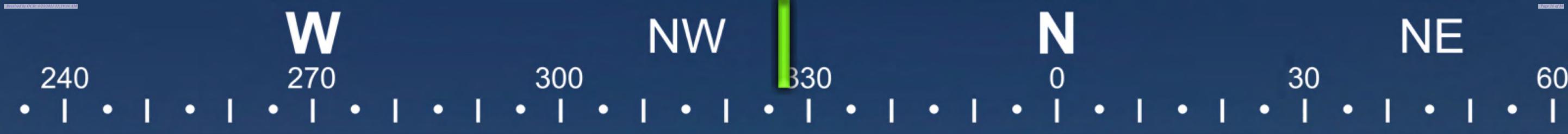
2

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



Excavation
Diamondback

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

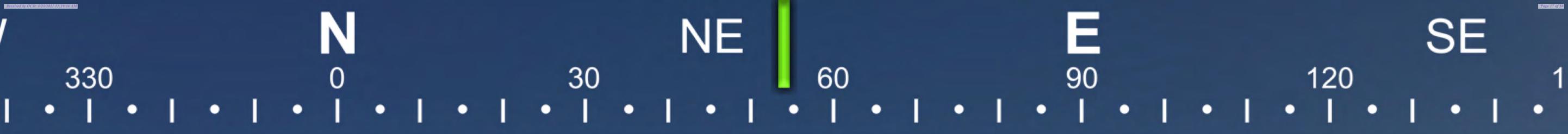


☉ 327°NW (T) ● 32°27'47"N, 103°9'7"W ±19ft ▲ 3416ft



Excavation
Diamondback

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



☀ 54°NE (T) ● 32°27'47"N, 103°9'8"W ±19ft ▲ 3414ft



Excavation
Diamondback

Turner Trunk Line Liner
23 Mar 2021, 10:29:06



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 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.

Celey D. Keene

Lab Director/Quality Manager



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

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 1 1-4 BGS (H210471-01)

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	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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.2 % 42.2-156

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:

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 2 1-4 BGS (H210471-02)

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	03/01/2021	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 (PIL) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 77.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.2 % 42.2-156

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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:

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)

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	03/01/2021	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 (PIL) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 78.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.4 % 42.2-156

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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:

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

Received: 03/01/2021
 Reported: 03/03/2021
 Project Name: TURNER BATTERY
 Project Number: TURNER BATTERY TRUNK LINE
 Project Location: NONE GIVEN

Sampling Date: 02/22/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

BTEX 8021B			Analyzed 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 (PID) 101 % 73.3-129

Chloride, SM4500CI-B			Analyzed By: GM						
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			Analyzed 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 78.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.1 % 42.2-156

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:

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 8 1-4 BGS (H210471-07)

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	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 (PIC) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 73.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.6 % 42.2-156

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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:

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)

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	03/01/2021	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 (PID) 103 % 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	848	16.0	03/01/2021	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	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.6 % 42.2-156

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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:

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 11 1-4 BGS (H210471-09)

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	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) 102 % 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	656	16.0	03/01/2021	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	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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 03/04/21 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/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,

Celey D. Keene
Lab Director/Quality Manager



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

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 6 BGS 1'- 4' (H210543-01)

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	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 (PIE) 104 % 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	288	16.0	03/05/2021	ND	416	104	400	3.77		

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	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

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 12 BGS 1'- 4' (H210543-02)

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	03/05/2021	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	512	16.0	03/05/2021	ND	416	104	400	3.77		

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	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

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/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 (PIE) 103 % 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	368	16.0	03/05/2021	ND	416	104	400	3.77		

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	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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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		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, 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	03/05/2021	ND	416	104	400	3.77		

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	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 83.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

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 21 BGS 1'- 4' (H210543-06)

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	03/05/2021	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 (PIE) 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						
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 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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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

Cardinal Laboratories

*=Accredited Analyte

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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

BILL TO

ANALYSIS REQUEST

Company Name: Apache
Project Manager: Brue Bauer

Address: _____
City: Hobbs State: NM Zip: 88240

Phone #: _____ Fax #: _____
Project #: _____ Project Owner: _____

Project Name: _____
Project Location: Turner Battery Truck line

Sampler Name: Joe Quisler Jr.

FOR LAB USE ONLY
Lab I.D.: H210543 Sample I.D.: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING
				GROUNDWATER		
				WASTEWATER		
				SOIL		
				OIL		
				SLUDGE		
				OTHER:		
				ACID/BASE:		
				COOL		
				OTHER:		

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Relinquished By: Joe Quisler Jr. Date: 3/1/2021 Received By: Juanita Delatorre
Relinquished By: _____ Date: _____ Received By: _____

DATE	TIME	EXT	TPH	BTEX						
	10:36 AM	X	X	X						
	10:38 AM	X	X	X						
	10:40 AM	X	X	X						
	10:42 AM	X	X	X						
	10:44 PM	X	X	X						
	10:46 AM	X	X	X						

Observed Temp. °C: 3.6 Corrected Temp. °C: _____
Sample Condition: Intact Not Intact
Checked By: J.S. (Initials)
Thermometer ID #113
Turnaround Time: _____
Correction Factor: None
Remarks: Removed 2/4 @ yahoo.com
Please email Brue & Justin R.
Standard Rush
Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C



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/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".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/05/2021
 Reported: 03/09/2021
 Project Name: TURNER BATTERY
 Project Number: TURNER BATTERY TRUNK LINE
 Project Location: NONE GIVEN

Sampling Date: 03/05/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	03/08/2021	ND	2.12	106	2.00	2.44	
Toluene*	<0.050	0.050	03/08/2021	ND	2.12	106	2.00	1.80	
Ethylbenzene*	<0.050	0.050	03/08/2021	ND	2.08	104	2.00	2.90	
Total Xylenes*	<0.150	0.150	03/08/2021	ND	6.15	103	6.00	3.08	
Total BTEX	<0.300	0.300	03/08/2021	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	352	16.0	03/08/2021	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	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 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.4 % 42.2-156

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

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/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:

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		

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

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	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 (PIL) 110 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

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		

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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 78.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.5 % 42.2-156

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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:

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		

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

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	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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 77.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.4 % 42.2-156

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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:

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		

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

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) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	03/11/2021	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	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 76.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: TURNER BATTERY
 Project Number: TURNER BATTERY TRUNK LINE
 Project Location: NONE GIVEN

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	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, SM4500Cl-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		

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	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 78.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.2 % 42.2-156

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/09/2021
 Reported: 03/15/2021
 Project Name: TURNER BATTERY
 Project Number: TURNER BATTERY TRUNK LINE
 Project Location: NONE GIVEN

Sampling Date: 03/09/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara 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	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/11/2021	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	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 74.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.7 % 42.2-156

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* = Accredited Analyte

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

Celey D. Keene, 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 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

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*=Accredited Analyte

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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

BILL TO

ANALYSIS REQUEST

Company Name: Apahtu
 Project Manager: Brian Baker
 Address: Hobbs State: NM Zip: 88240
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: _____
 Project Location: Targor Battery Truck line
 Sampler Name: Joe Casadevall

P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	FOR LAB USE ONLY		MATRIX	PRESERV	SAMPLING	REMARKS										
		(G)RAB OR (C)OMP	# CONTAINERS				EXT	TPH									
<u>H210573</u>	<u>W03 B65 1-4'</u>	<u>C</u>	<u>1</u>	<u>SOIL</u>	<u>ICE</u>	<u>3/9</u>	<u>2:52</u>	<u>X</u>	<u>X</u>	<u>X</u>							
	<u>W04 B65 1-4'</u>	<u>C</u>	<u>1</u>	<u>SOIL</u>	<u>ICE</u>		<u>2:54</u>	<u>X</u>	<u>X</u>	<u>X</u>							
	<u>W05 B65 1-4'</u>	<u>C</u>	<u>1</u>	<u>SOIL</u>	<u>ICE</u>		<u>2:58</u>	<u>X</u>	<u>X</u>	<u>X</u>							
	<u>W08 B65 1-4'</u>	<u>C</u>	<u>1</u>	<u>SOIL</u>	<u>ICE</u>		<u>3:02</u>	<u>X</u>	<u>X</u>	<u>X</u>							
	<u>W024 B65 1-4'</u>	<u>C</u>	<u>1</u>	<u>SOIL</u>	<u>ICE</u>		<u>3:04</u>	<u>X</u>	<u>X</u>	<u>X</u>							
	<u>W091 B65 1-4'</u>	<u>C</u>	<u>1</u>	<u>SOIL</u>	<u>ICE</u>		<u>3:19</u>	<u>X</u>	<u>X</u>	<u>X</u>							

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Relinquished By: _____ Date: 3-9-21 Time: 1:45
 Received By: Yunara Alabaz
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: Diamond Bate 24@khd00.com

Delivered By: (Circle One) Observed Temp. °C 8.4 Sample Condition: Intact Cool Yes No
 Corrected Temp. °C _____
 Checked By: (Initials) YO
 Turnaround Time: _____
 Thermometer ID #113 _____
 Correction Factor None Yes No
 Bacteria (only) Sample Condition: Intact Cool Yes No
 Observed Temp. °C _____
 Corrected Temp. °C _____

FORM-000-R-3-1-00104120
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/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".

Celey D. Keene

Lab Director/Quality Manager



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

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		

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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-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		

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Celey D. Keene, Lab Director/Quality Manager



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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		

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

Chloride, SM4500Cl-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, 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	03/12/2021	ND	400	100	400	0.00		

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

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	03/12/2021	ND	400	100	400	0.00		

Cardinal Laboratories

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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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Apalus</u> Project Manager: <u>Bruce Bohner</u>		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Project Owner: _____ State: _____ Zip: _____	
Address: _____ City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: _____ Fax #: _____ Project #: _____		Project Location: <u>Turner Razing foundation (TRB)</u> Sampler Name: <u>Joe Duvendack Jr</u> FOR LAB USE ONLY	
Lab I.D. <u>H21D605</u> Sample I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: _____ ACID/BASE: _____ (ICE) COOL OTHER: _____	MATRIX PRESERV. SAMPLING
1 W2 BSS 1-4 2 W3 BSS 1-4 3 W3 R5S 1-4 4 W3 R5S 1-4 5 W9 BSS 1-4 6 W10 BSS 1-4 7 W20 BSS 1-4 W21 BSS 1-4	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
Relinquished By: <u>Joe Duvendack Jr</u> Date: <u>3/10/21</u> Received By: <u>Debi Hervey</u> Date: <u>3/10</u>		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: <u>Diamond Back at yaho.com</u>	
Delivered By: (Circle One) Observed Temp. °C <u>5.4</u> Corrected Temp. °C _____ Sampler - UPS - Bus - Other: _____		Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Triaxial <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No CHECKED BY: <u>[Signature]</u> (Initials)	

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 25374

CONDITIONS

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

CONDITIONS

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