



303 Veterans Airpark Lane Midland, TX 79705

Remediation Plan

November 2, 2022

Re: NM BZ State NCT-8 Battery
Case nAPP2211831361

On 4/19/2022 a release occurred due the load line from the produced water tank separated during illicit activities. The release (GPS: 32.307397, -103.168198) is located south of Eunice, New Mexico in unit letter F section 16 township 23S range 37E. A groundwater survey was conducted utilizing NMOSE wells of record. The nearest well suggest groundwater beneath the release to be 115 feet. On 7/21/2022 a soil bore (GPS 32.076143, -103.1683866) was conducted to a depth of 120 feet. The hole was left open for over 72 hours and on 7/25/2022 the well was measured for the presence of water. No water was present in the bore hole to a depth of 120 feet.

The release was excavated in accordance with the OCD approved remediation plan. 5-point bottom and wall composite samples were collected not to exceed 500 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. All excavated soil was hauled to an OCD approved disposal facility. Once laboratory results were below table one standards for releases greater than 100 feet to groundwater and reclamation standards for the top four feet the excavation was backfilled with clean imported topsoil in the pasture and clean imported caliche to restore the lease pad. The disturbed area was re-seeded with NMSLO sandy seed mixture.

Apache Corporation has remediated the release to below table one standards and reclamation standards and respectfully request that this event be closed.

Enclosed: C-141, Maps, Sample Data, Laboratory Results, Photos and Noxious Weed and Revegetation Plan.

Submitted by.

Larry Baker

Environmental Technician Sr. Staff

larry.baker@apachecorp.com

Cell# 432-215-2284

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. Staff
 Signature: Larry Baker Date: 11/2/2022
 email: larry.baker@apachecorp.com Telephone: 432-215-2284

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 11/29/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: [Nobui, Jennifer, EMNRD](#)
To: [Baker, Larry](#)
Cc: [Mann, Ryan](#); [Bolton, Eugene, EMNRD](#); [Evans, Preston](#); [Bratcher, Mike, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)
Subject: RE: [EXTERNAL] FW: NM BZ State NCT-8 Remediation
Date: Wednesday, August 17, 2022 2:32:49 PM

Larry,

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

Thanks,
Jennifer Nobui

From: Baker, Larry <Larry.Baker@apachecorp.com>
Sent: Wednesday, August 17, 2022 1:29 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Mann, Ryan <rmann@slo.state.nm.us>; Bolton, Eugene, EMNRD <Eugene.Bolton@state.nm.us>; Evans, Preston <Preston.Evans@apachecorp.com>
Subject: [EXTERNAL] FW: NM BZ State NCT-8 Remediation

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

Ms. Nobui,

Apache Corporation will be conducting final sampling in accordance with the approved remediation plan on Monday 8/22/2022 at 8:00 am MST for event # nAPP2211831361. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR STAFF
direct 432-818-1654 | Cell 432-215-2284

APACHE CORPORATION
303 Veterans Airpark Lane
Midland, TX 79705

[ApacheCorp.com](#) | [LinkedIn](#) | [Facebook](#) | [Twitter](#) | [StockTwits](#) | [YouTube](#)

From: Baker, Larry
Sent: Tuesday, August 16, 2022 7:46 AM
To: Mann, Ryan <rmann@slo.state.nm.us>; Bolton, Eugene, EMNRD <Eugene.Bolton@state.nm.us>
Cc: Evans, Preston <Preston.Evans@apachecorp.com>
Subject: NM BZ State NCT-8 Remediation

Gentleman,

Apache Corporation will begin excavation in accordance with the OCD approved remediation plan today around 12:00 p.m. MST. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR STAFF

direct 432-818-1654 | *Cell* 432-215-2284

APACHE CORPORATION

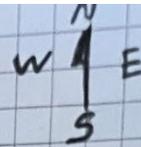
303 Veterans Airpark Lane
Midland, TX 79705

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50 ft

Apache BZ Battery Apr-308



- B1e1' 32.3068979 -103.1676443
- B2e1' 32.3069104 -103.1676068
- B3e1' 32.3069517 -103.1676359
- B4e1' 32.3070025 -103.1676554
- B5e1' 32.3070549 -103.1676859
- B6e1' 32.3070934 -103.1677147
- B7e1' 32.3071470 -103.1677556
- B8e1' 32.3071915 -103.1678073
- B9e1' 32.3072294 -103.1678502
- B0e1' 32.3072470 -103.1679236
- B11e1' 32.3072428 -103.1680021
- B0e1' 32.3072739 -103.1681030
- B13e1' 32.3072770 -103.1682049
- B4e6" 32.3073357 -103.1682113
- B15e6" 32.3073660 -103.1682079
- B16e6" 32.3072606 -103.1680336
- B17e6" 32.3073394 -103.1682505
- B18e6" 32.3073606 -103.1681402
- w1 32.3071158 -103.1677982
- w2 32.3072311 -103.1677841
- w3 32.3072753 -103.1680386
- w4 32.3073887 -103.1682210
- w5 32.3073312 -103.1681710



"Service Is Our Business"
SINCE 1952



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

August 24, 2022

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: BZ NCT - 8 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/22/22 16:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 1 @ 1' (H223843-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/23/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	196	98.2	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	215	107	200	0.533	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 2 @ 1' (H223843-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	196	98.2	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	215	107	200	0.533	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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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:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 3 @ 1' (H223843-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	196	98.2	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	215	107	200	0.533	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 4 @ 1' (H223843-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	196	98.2	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	215	107	200	0.533	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

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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:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 5 @ 1' (H223843-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 6 @ 1' (H223843-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 7 @ 1' (H223843-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 8 @ 1' (H223843-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 80.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 9 @ 1' (H223843-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/23/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 10 @ 1' (H223843-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/24/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/24/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/24/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/24/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 11 @ 1' (H223843-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2022	ND	1.93	96.3	2.00	5.14	
Toluene*	<0.050	0.050	08/24/2022	ND	2.12	106	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/24/2022	ND	2.06	103	2.00	4.20	
Total Xylenes*	<0.150	0.150	08/24/2022	ND	6.39	107	6.00	4.58	
Total BTEX	<0.300	0.300	08/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 12 @ 1' (H223843-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 13 @ 1' (H223843-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 14 @ 6" (H223843-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	805	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	141	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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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:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 15 @ 6" (H223843-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65		
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97		
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70		
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90		
Total BTEX	<0.300	0.300	08/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/23/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71			
DRO >C10-C28*	1110	10.0	08/23/2022	ND	214	107	200	4.53			
EXT DRO >C28-C36	221	10.0	08/23/2022	ND							

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 192 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: W 1 BGS 0-1' (H223843-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: W 2 BGS 0-1' (H223843-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: W 3 BGS 0-4' (H223843-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

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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:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 16 @ 4' (H223843-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65		
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97		
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70		
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90		
Total BTEX	<0.300	0.300	08/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	08/23/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71		
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53		
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND						

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: W 4 BGS 0-6" (H223843-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: W 5 BGS 0-6" (H223843-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	2.65	
Toluene*	<0.050	0.050	08/23/2022	ND	1.96	98.0	2.00	2.97	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.4	2.00	3.70	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	5.96	99.3	6.00	3.90	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 17 @ 6" (H223843-22)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2022	ND	2.01	100	2.00	0.209		
Toluene*	<0.050	0.050	08/23/2022	ND	2.00	99.9	2.00	1.26		
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.5	2.00	0.720		
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.05	101	6.00	1.74		
Total BTEX	<0.300	0.300	08/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/23/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71		
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53		
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND						

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/22/2022	Sampling Date:	08/22/2022
Reported:	08/24/2022	Sampling Type:	Soil
Project Name:	BZ NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: B 18 @ 6" (H223843-23)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.01	100	2.00	0.209	
Toluene*	<0.050	0.050	08/23/2022	ND	2.00	99.9	2.00	1.26	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	1.93	96.5	2.00	0.720	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.05	101	6.00	1.74	
Total BTEX	<0.300	0.300	08/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	232	116	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	214	107	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Apache</i>		P.O. #:		BILL TO		ANALYSIS REQUEST														
Project Manager: <i>Bruce Baker</i>		Company: <i>K</i>																		
Address: <i>Hobbs</i>		Attn:																		
City: <i>Hobbs</i> State: <i>NM</i> zip: <i>88240</i>		Address:																		
Phone #: _____ Fax #: _____		City:																		
Project #: _____ Project Owner:		State:																		
Project Name: _____		Zip:																		
Project Location: <i>B2 DET-8 Battery</i>		Phone #:																		
Sampler Name: <i>Sue Alvarado</i>		Fax #:																		
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME						
<i>H223843</i>	<i>B10e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>9/22</i>	<i>10:04</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B30e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:08</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B30e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:12</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B40e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:14</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B50e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:14</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B60e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:15</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B70e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:20</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B80e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:22</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B90e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>					<i>10:24</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>				
	<i>B00e1'</i>	<input checked="" type="checkbox"/>	<i>1</i>	<input type="checkbox"/>																

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Relinquished By: *Sue Alvarado* Date: *9/22* Received By: *Shodrigney*

Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One) UPS Bus Other: _____

Observed Temp. °C: *1.30* Sample Condition: Cool Intact Yes No

Corrected Temp. °C: *0.70* Checked BY: *SB* (Initials)

Turnaround Time: *Standard* *Rush*

Thermometer ID #113 Correction Factor -0.5°C -0.10°C Bacteria (only) Sample Condition: Cool Intact Yes No

Observed Temp. °C: _____ Corrected Temp. °C: _____

REMARKS: *E-Neil Results = Bruce Baker*

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com

SK Baker



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Bruce Baker</u> Project Manager: <u>Bruce Baker</u> Address: <u>Albbs</u> City: <u>Albbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ Project Location: <u>BZ NCT-8 Battery</u> Sampler Name: <u>See Card</u> FOR LAB USE ONLY		BILL TO P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H223843</u> Sample I.D. <u>B1101'</u> <u>B1201'</u> <u>B1301'</u> <u>B1402"</u> <u>B1502"</u> <u>B1B50-1'</u> <u>B2B50-1'</u> <u>B3B50-1'</u> <u>B404'</u>	(G) GRAB OR (C) COMP. <input checked="" type="checkbox"/> # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV DATE TIME	SAMPLING CL BTEX EXT TPH
Relinquished By: <u>See Card</u> Date: <u>8/22</u> Time: <u>4:51</u>	Received By: <u>Stedioner</u> Date: _____ Time: _____	Turnaround Time: _____ Standard <input checked="" type="checkbox"/> <u>RUSH</u> Bacteria (only) <input checked="" type="checkbox"/>	REMARKS: <u>5-Mo 11 Results</u>
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>1.30</u> Corrected Temp. °C <u>0.70</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <u>SK</u> Thermometer ID #113 Correction Factor: <u>-0.10</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

SK 8/22/22



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 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: <i>Hobbs</i>		P.O. #:	
Project Manager: <i>Bruce Baker</i>		Company:	
Address:		Attn:	
City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i>		Address:	
Phone #: _____ Fax #: _____		City:	
Project #: _____ Project Owner:		State:	
Project Name:		Zip:	
Project Location: <i>B-2 NCT-8 Battery</i>		Phone #:	
Sampler Name: <i>Sose Rueschel</i>		Fax #:	
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS
<i>H223843</i>	<i>W4 BSSD-6"</i>		
	<i>W5 BSSD-6"</i>		
	<i>W6 BSSD-6"</i>		
	<i>W7 BSSD-6"</i>		
	<i>W8 BSSD-6"</i>		
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	<i>W269 BSSD-6"</i>		
	<i>W270 BSSD-6"</i>		
	<i>W271 BSSD-6"</i>		
	<i>W272 BSSD-6"</i>		
	<i>W273 BSSD-6"</i>		
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	<i>W276 BSSD-6"</i>		
	<i>W277 BSSD-6"</i>		
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	<i>W279 BSSD-6"</i>		
	<i>W280 BSSD-6"</i>		
	<i>W281 BSSD-6"</i>		
	<i>W282 BSSD-6"</i>		
	<i>W283 BSSD-6"</i>		
	<i>W284 BSSD-6"</i>		
	<i>W285 BSSD-6"</i>		
	<i>W286 BSSD-6"</i>		
	<i>W287 BSSD-6"</i>		



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

September 14, 2022

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

RE: NM B2 NCT - 8 BATTERY

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

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NM B2 NCT - 8 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: B 15 @ 9" (H224165-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.96	97.9	2.00	5.76		
Toluene*	<0.050	0.050	09/14/2022	ND	1.98	99.1	2.00	5.36		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.5	2.00	5.12		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.04	101	6.00	5.35		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	206	103	200	0.851		
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	222	111	200	3.87		
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND						

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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, 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: *Hatche*
 Project Manager: *Bruce Baker*
 Address:
 City: *Hobbs* State: *NM* Zip: *58840*
 Phone #: Fax #:
 Project #: Project Owner:
 Project Name:
 Project Location: *AM B2 NCT-8 Battery*
 Sampler Name: *Sosi Dussard*
 FOR LAB USE ONLY

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV.	DATE	TIME	SAMPLING
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
<i>H241105</i>	<i>BIS091</i>	<input checked="" type="checkbox"/>	<i>1</i>			<input checked="" type="checkbox"/>					<i>9/5</i>	<i>5:16 PM</i>	<i>BTEX EXT TPH</i>

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Relinquished By: *Sosi Dussard*
 Date: *9/5/22* Time: *3:18*
 Received By: *Speed Vignery*
 Date: _____ Time: _____
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 Turnaround Time: _____
 Standard *Rush*
 Bacteria (only) Sample Condition: Cool Intact Yes No Corrected Temp. °C
 Remarks: *E-Mail Results*

Delivered By: (Circle One) UPS Bus Other:
 Observed Temp. °C: *1.6°C*
 Corrected Temp. °C: *1.0°C*
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *SR*
 Thermometer ID #113
 Correction Factor -0.6°C
 Bacteria (only) Sample Condition: Cool Intact Yes No Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com







☉ 150°SE (T) ● 32°18'26"N, 103°10'4"W ±13ft ▲ 3323ft







☉ 90°E (T) ● 32°18'25"N, 103°10'5"W ±13ft ▲ 3332ft





**NM BZ State NCT-8 Battery
nAPP2211831361
Revegetation
And
Noxious Weed Plan**

Revegetation Plan:

All the disturbed area in the pasture will be properly prepared and reseeded with NMSLO sandy seed mixture. The disturbed area will be monitored to ensure successful revegetation is achieved. If revegetation is not successful after a couple of growing seasons the site will be reseeded.

Noxious Weed Plan:

Apache Corporation will treat noxious weeds if they become established within the area of remediation. Weed control will be maintained on the disturbed land where noxious weeds exist both prior to remediation and restoration. Apache Corporation will consult with the Authorized Officer for acceptable weed control methods.

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 155740

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 155740
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	11/29/2022