



303 Veterans Airpark Lane Midland, TX 79705

Closure Report

June 4, 2021

Re: NEDU 222

Case # NRM2026946157

On 9/20/2020 a release occurred due to a ½ inch valve was left open on the casing resulting in the loss fluid. The release (GPS: 32.5124741, -103.12847) is located north of Eunice, New Mexico in unit letter I section 2 township 21S range 37E. A groundwater survey was conducted utilizing NMOSE and USGS wells of record and data from a soil bore that Apache Corporation conducted in the area from a previous case. The soil bore is ½ mile east of the NEDU 222 and was drilled on 7/31/2019 to a depth of 60 feet. The soil bore data indicates that groundwater is greater than 50 feet. A remediation plan was submitted and approved by OCD.

Prior to commencing the excavation in accordance with the OCD approved plan Apache Corporation collected final 5 point bottom and wall samples not exceeding 200 square feet on 5/19/2021. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. All laboratory results were below table one standards for releases 51-100 and reclamation standards. Since all samples meet closure criteria no excavation was conducted.

Apache Corporation has demonstrated that the release area meets OCD closure criteria and respectfully request closure of event # NRM2026946157.

Enclosed: C-141, Maps, Sample Data, Laboratory Results, and Photos.

Submitted by;

Larry Baker

Environmental Technician

larry.baker@apachecorp.com

Cell# 432-631-6982

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: 6/4/2021

email: larry.baker@apachecorp.com

Telephone: 432-631-6982

OCD Only

Received by: Chad Hensley

Date: 07/09/2021

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: Chad Hensley

Date: 07/09/2021

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced



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Google Earth

Sample Date	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	GPS Coordinates
Final Samples												
5/19/2021	W1	Surface	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.512628, -103.128476
5/19/2021	W2	Surface	<16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.512668, -103.128701
5/19/2021	B1	Surface	3,730	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.512576, -103.128481
5/19/2021	B2	Surface	416	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.5	<10.0	32.512611, -103.128502
5/19/2021	B3	Surface	624	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.512646, -103.128531
5/19/2021	B4	Surface	256	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.512638, -103.128576
5/19/2021	B5	Surface	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.7	29.4	32.512636, -103.128614
5/19/2021	B6	Surface	<16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.512647, -103.128650
5/19/2021	B7	Surface	272	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.512676, -103.128664



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

May 25, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #222

Enclosed are the results of analyses for samples received by the laboratory on 05/19/21 13:44.

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: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W 1 (H211302-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	1.78	89.2	2.00	3.35	
Toluene*	<0.050	0.050	05/21/2021	ND	2.15	107	2.00	5.86	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	2.28	114	2.00	6.12	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	6.72	112	6.00	5.58	
Total BTX	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/20/2021	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	222	111	200	0.575	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	226	113	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.0 % 38.9-142

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: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W 2 (H211302-02)

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	05/21/2021	ND	1.78	89.2	2.00	3.35	
Toluene*	<0.050	0.050	05/21/2021	ND	2.15	107	2.00	5.86	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	2.28	114	2.00	6.12	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	6.72	112	6.00	5.58	
Total BTEx	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/20/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	222	111	200	0.575	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	226	113	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 1 (H211302-03)

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	05/21/2021	ND	1.78	89.2	2.00	3.35		
Toluene*	<0.050	0.050	05/21/2021	ND	2.15	107	2.00	5.86		
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	2.28	114	2.00	6.12		
Total Xylenes*	<0.150	0.150	05/21/2021	ND	6.72	112	6.00	5.58		
Total BTEx	<0.300	0.300	05/21/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3730	16.0	05/20/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	222	111	200	0.575	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	226	113	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.0 % 38.9-142

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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: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 2 (H211302-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	1.78	89.2	2.00	3.35	
Toluene*	<0.050	0.050	05/21/2021	ND	2.15	107	2.00	5.86	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	2.28	114	2.00	6.12	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	6.72	112	6.00	5.58	
Total BTX	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/20/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	222	111	200	0.575	
DRO >C10-C28*	20.5	10.0	05/21/2021	ND	226	113	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 3 (H211302-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	1.78	89.2	2.00	3.35	
Toluene*	<0.050	0.050	05/21/2021	ND	2.15	107	2.00	5.86	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	2.28	114	2.00	6.12	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	6.72	112	6.00	5.58	
Total BTEx	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	05/20/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	222	111	200	0.575	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	226	113	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 4 (H211302-06)

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	05/21/2021	ND	1.78	89.2	2.00	3.35	
Toluene*	<0.050	0.050	05/21/2021	ND	2.15	107	2.00	5.86	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	2.28	114	2.00	6.12	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	6.72	112	6.00	5.58	
Total BTEX	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/20/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	222	111	200	0.575	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	226	113	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.8 % 38.9-142

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: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 5 (H211302-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	1.78	89.2	2.00	3.35	
Toluene*	<0.050	0.050	05/21/2021	ND	2.15	107	2.00	5.86	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	2.28	114	2.00	6.12	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	6.72	112	6.00	5.58	
Total BTEx	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/20/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	34.7	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	29.4	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 6 (H211302-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTX	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/20/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2021
 Reported: 05/25/2021
 Project Name: NEDU #222
 Project Number: NEDU #222
 Project Location: NONE GIVEN

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 7 (H211302-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2021	ND	2.05	103	2.00	3.93	
Toluene*	<0.050	0.050	05/21/2021	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	05/21/2021	ND	1.94	96.8	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/21/2021	ND	5.87	97.9	6.00	3.29	
Total BTEX	<0.300	0.300	05/21/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/20/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2021	ND	213	106	200	2.17	
DRO >C10-C28*	<10.0	10.0	05/21/2021	ND	218	109	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

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: Apac Corporation										BILL TO										ANALYSIS REQUEST																			
Project Manager: Bruce Baker										P.O. #:																													
Address:										Company:																													
City:										Attn:																													
State:										Address:																													
Phone #:										Fax #:																													
Project #:										City:																													
Project Owner:										State:										Zip:																			
Project Name: NEDU 222										Phone #:																													
Project Location: NEDU 222										Fax #:																													
Sampler Name: Jeff Brun										FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.										(G)RAB OR (C)OMP.																			
																				# CONTAINERS																			
H211362																				GROUNDWATER																			
																				WASTEWATER																			
1 W1																				SOIL																			
																				OIL																			
2 W2																				SLUDGE																			
																				OTHER :																			
3 B1																				ACID/BASE:																			
																				ICE / COOL																			
4 B2																				OTHER :																			
5 B3																				DATE										TIME									
6 B4																				5/19/21										1220									
7 B5																				1225										✓									
8 B6																				1250										✓									
9 B7																				1252										✓									
																				1254										✓									
																				1256										✓									
																				1258										✓									
																				1300										✓									
																				5/19/21										1300									

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Relinquished By: Jeff Brun										Date: 5/19/21										Received By: Marcia K. Baker									
Time: 1344										Date: 5/19/21										Time: 1344									
Relinquished By: Jeff Brun										Date: 5/19/21										Received By: Marcia K. Baker									
Time: 1344										Date: 5/19/21										Time: 1344									

Delivered By: (Circle One)										Observed Temp. °C 3.3										Sample Condition										CHECKED BY: (Initials) JB										Turnaround Time:										Standard Rush										Bacteria (only) Sample Condition									
Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										Thermometer ID #13										Correction Factor None																																							
All Results are emailed. Please provide Email address:										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No										Add'l Phone #:																																																	
REMARKS:																																																																					



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 30627

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 30627
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	7/9/2021