

Closure Report

October 9, 2020

Re: Monument ABO Battery Case # NRM2005941614

On 9/14/2020 the release area was excavated to depths of 1', $1 \frac{1}{2}$, and 2'. On 09/15/2020 Apache Corporation began collecting final 5-point bottom and wall composites samples in accordance with the approved OCD remediation plan. All samples were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory results indicate that all samples were below table 1 standards for releases less than or equal to 50 feet to groundwater. Approximately 260 yards of excavated material was taken to an approved OCD disposal facility. The excavation was backfilled with clean imported caliche.

Apache Corporation has completed remediation activities in accordance with NMOCD closure criteria and respectfully request closure of *NRM2005941614*.

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

Submitted by;

Environmental Technician

larry.baker@apachecorp.com

Cell# 432-631-6982

Bruce Baker

Received by OCD: 12/18/2020 11:25:40 AM State of New Mexico
Page 6 Oil Conservation Division

Page 2 of 42

	- "8" - "J
Incident ID	NRM2005941614
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.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District off must be notified 2 days prior to liner inspection)	ce
☐ 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 r 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: 10/9/2020	
email: <u>larry.baker@apachecorp.com</u> Telephone: <u>432-631-6982</u>	
OCD Only	
Received by: Cristina Eads Date: 10/9/2020	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the respon party of compliance with any other federal, state, or local laws and/or regulations.	
Closure Approved by: Date: 12/18/2020	
Printed Name: Cristina Eads Title: Environmental Specialist	





Sample Date	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total BTEX	GRO	DRO	EXT DRO	GPS Coordinates
Date						Wall Samples	Xylenes	DIEX			1	
					1	<u>waii sampies</u>					Ī	32.611936
9/15/2020	W1	1'	224	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332752
3,13,2020	***	1 -	221	10.030	10.030	10.030	10.130	10.500	110.0	110.0	120.0	32.611864
9/15/2020	W2	1'	208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	10.2	-103.332673
, ,												32.611790
9/15/2020	W3	1'	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332734
												32.611869
9/15/2020	W4	1'	240	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332872
												32.611869
9/16/2020	W5	1.5'	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332739
												32.611830
9/16/2020	W6	2'	352	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332741
												32.611817
9/16/2020	W7	2'	272	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332804
		1	T	I	<u> </u>	Bottom Samples	T	I		1	1	
0/45/2020	D4	4.51	22	.0.050	.0.050	.0.050	.0.450	.0.200	40.0	40.0	40.0	32.611909
9/15/2020	B1	1.5'	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332694
9/15/2020	В2	1.5'	112	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.611853 -103.332691
9/15/2020	DZ	1.5	112	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.611805
9/15/2020	В3	2'	208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332683
3/13/2020	<u> </u>		200	10.030	10.030	10.030	10.130	10.500	10.0	10.0	10.0	32.611805
9/15/2020	В4	2'	192	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332715
0, 00, 000		1										32.611853
9/15/2020	B5	1.5'	208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332720
												32.611907
9/15/2020	В6	1'	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332723
												32.611920
9/15/2020	В7	1'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332778
T												32.611884
9/15/2020	B8	1'	2 56	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332755
												32.611827
9/15/2020	B9	2'	288	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332750
0/4 = /5-5-5	B. (5		455				0.1		4	4.5.5		32.611828
9/15/2020	B10	2'	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332786

												32.611879
9/15/2020	B11	1'	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332788
												32.611888
9/15/2020	B12	1'	<16.0	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332822
												32.611837
9/15/2020	B13	1'	16	< 0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332822
												32.611863
9/16/2020	B14	1'	128	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.332851



September 21, 2020

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: MONUMENT CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/15/20 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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



Analytical Results For:

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

Received: Reported:

BTEX 8021B

09/15/2020

09/21/2020

Project Name: Project Number: MONUMENT CTB NONE GIVEN

Project Location:

NONE GIVEN

mg/kg

10.0

10.0

44.3-144

42.2-156

<10.0

<10.0

105 %

118 %

Sampling Date:

09/15/2020

Sampling Type:

177

88.7

ND

ND

Soil

200

1.18

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Sample ID: B 1 (H002448-01)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	19						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/16/2020	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	D 11	Danastina Limit	A I	Method Blank	DC	O/ Deservery	Two Value OC	DDD	Ovalifian
	Result	Reporting Limit	Analyzed	Metrion piarik	BS	% Recovery	True Value QC	RPD	Qualifier

09/16/2020

09/16/2020

Analyzed By: MS

Cardinal Laboratories

DRO >C10-C28*

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

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

Received:

09/15/2020

Reported:

Project Name: MONUMENT CTB Project Number: NONE GIVEN Project Location: NONE GIVEN

09/21/2020

Sampling Date:

09/15/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Sample ID: B 2 (H002448-02)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID

98.7 %

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	112	16.0	09/16/2020	ND	432	108	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	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					

Surrogate: 1-Chlorooctane

104 %

44.3-144

Surrogate: 1-Chlorooctadecane

116%

42.2-156

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

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

Received: Reported:

BTEX 8021B

09/15/2020

09/21/2020

Project Name: Project Number: MONUMENT CTB NONE GIVEN

Project Location:

NONE GIVEN

mg/kg

Sampling Date:

09/15/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Sample ID: B 3 (H002448-03)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/16/2020	ND	400	100	400	0.00	

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					

Surrogate: 1-Chlorooctane

102 %

44.3-144

Surrogate: 1-Chlorooctadecane

116%

42.2-156

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: Reported: 09/15/2020 09/21/2020

Project Name: Project Number: Project Location:

BTEX 8021B

MONUMENT CTB NONE GIVEN NONE GIVEN

mg/kg

Sampling Date:

09/15/2020

Soil

Sampling Type:

Sampling Condition: Cool Sample Received By: Tama

Cool & Intact
Tamara Oldaker

Sample ID: B 4 (H002448-04)

	91	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 73.3-12	9						
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	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.3-14	1						

Analyzed By: MS

Surrogate: 1-Chlorooctadecane 122 % 42.2-156

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Celeg D. Freene



Analytical Results For:

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

Received: Reported: 09/15/2020

09/21/2020

Project Name: Project Number: Project Location: MONUMENT CTB NONE GIVEN NONE GIVEN Sampling Date:

09/15/2020

Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact
Tamara Oldaker

Sample ID: B 5 (H002448-05)

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	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID

98.7 %

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	208	16.0	09/16/2020	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	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					

Surrogate: 1-Chlorooctane

106 %

44.3-144

Surrogate: 1-Chlorooctadecane

121 %

42.2-156

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received:

BTEX 8021B

09/15/2020

Sampling Date:

09/15/2020

Reported:

09/21/2020

Sampling Type:

Soil

Project Name: Project Number: MONUMENT CTB NONE GIVEN Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Location:

NONE GIVEN

mg/kg

Sample ID: B 6 (H002448-06)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	110 9	% 42.2-15	6						

Analyzed By: MS

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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: Reported:

BTEX 8021B

09/15/2020

09/21/2020

Project Name: Project Number: MONUMENT CTB NONE GIVEN

mg/kg

Project Location:

NONE GIVEN

Sampling Date:

09/15/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: B 7 (H002448-07)

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
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	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					
Surrogate: 1-Chlorooctane	104	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	116	% 42.2-15	6						

Analyzed By: MS

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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: Reported: 09/15/2020

09/21/2020

Project Name: Project Number: Project Location: MONUMENT CTB NONE GIVEN NONE GIVEN Sampling Date:

09/15/2020

Soil

Sampling Type:

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 8 (H002448-08)

BTEX 8021B

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	< 0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID

99.2 %

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	256	16.0	09/16/2020	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	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					

Surrogate: 1-Chlorooctane

105 %

44.3-144

Surrogate: 1-Chlorooctadecane

118 %

42.2-156

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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: Reported: 09/15/2020

09/21/2020

Project Name: Project Number: MONUMENT CTB NONE GIVEN NONE GIVEN

Project Location:

Sampling Date: 09/15/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 9 (H002448-09)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	120 9	% 42.2-15	6						

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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: Reported: 09/15/2020

09/21/2020

Project Name: Project Number: MONUMENT CTB NONE GIVEN NONE GIVEN

mg/kg

<10.0

<10.0

Project Location:

BTEX 8021B

Sampling Date:

09/15/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Sample ID: B 10 (H002448-10)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d Bv: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Chloride	Result	Reporting Limit	Analyzed 09/16/2020	-	BS 400	% Recovery	True Value QC	RPD 0.00	Qualifier
,		16.0	09/16/2020	Method Blank		,	·		Qualifier
Chloride	128	16.0	09/16/2020	Method Blank		,	·		Qualifier Qualifier

ND

ND

177

88.7

200

1.18

Analyzed By: MS

Surrogate: 1-Chlorooctane 104 %
Surrogate: 1-Chlorooctadecane 119 %

44.3-144

09/16/2020

09/16/2020

42.2-156

10.0

10.0

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DRO >C10-C28*

EXT DRO >C28-C36

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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:

09/15/2020

Reported: Project Name:

09/21/2020 MONUMENT CTB

Project Number: Project Location: NONE GIVEN NONE GIVEN

Sampling Date:

09/15/2020

Sampling Type:

Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: B 11 (H002448-11)

Jup.c 121	_	 (• •	 ,
BTEX 8021B				

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
a		46.0	00/46/0000		400	400	400	0.00	

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					

Surrogate: 1-Chlorooctane

108 %

44.3-144

Surrogate: 1-Chlorooctadecane

124 %

42.2-156

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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: Reported: 09/15/2020

09/21/2020

Project Name: Project Number: MONUMENT CTB NONE GIVEN

Project Location:

NONE GIVEN

Sampling Date:

09/15/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: B 12 (H002448-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
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	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	121 9	% 42.2-15	6						

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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:

09/15/2020

Reported:

09/21/2020 MONUMENT CTB

Project Name: Project Number: Project Location:

NONE GIVEN
NONE GIVEN

Sampling Date:

09/15/2020

Sampling Type:

Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B 13 (H002448-13)

BTEX 8021B	mg,	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2020	ND	1.99	99.5	2.00	4.86	
Toluene*	<0.050	0.050	09/16/2020	ND	2.00	100	2.00	5.27	
Ethylbenzene*	<0.050	0.050	09/16/2020	ND	1.97	98.7	2.00	5.60	
Total Xylenes*	<0.150	0.150	09/16/2020	ND	5.68	94.6	6.00	5.62	
Total BTEX	<0.300	0.300	09/16/2020	ND					

Surrogate:	4-Bromof	luorobenzene	(PID
------------	----------	--------------	------

97.2 %

73.3-129

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/16/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2020	ND	180	90.2	200	1.55	
DRO >C10-C28*	<10.0	10.0	09/16/2020	ND	177	88.7	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2020	ND					

Surrogate: 1-Chlorooctane

113 %

44.3-144

Surrogate: 1-Chlorooctadecane

129 %

42.2-156

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 16 of 17 ARDINAL 101 East Marland, Hobbs, NM 88240 aboratories

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

company Name:	Locar he Commention	811170	ANALYSIS REQUEST	
Project Manager: Buce Saken	1 min June	P.O. #:		
Address:		Company:		
City: State:	Zip:	Attn:		
Phone #: Fax #:		Address:		- 4->-
Project #: Project Owner:	ner:	City:		
Project Name: Monument CTB		State: Zip:		
Project Location: Monument CTB		Phone #:		
Sampler Name: JEFF Brown		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE	HER: SID/BASE: E / COOL HER:	CL- BTEX EXT. TPH	
182		2111 06/21/3	7 / /	
2000		11/15/20 1417	4 4 4	
83		8/15/20 1523	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
484		3621 06/21/8	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
585		8/15/20 1878	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
6 86		3/15/20 1326	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
187		5/15/20 1227	111	
800			1 1 1	
9 85		Shs! cu/sils	7 1	
10 810		19/15/20 1530	< < < < < < < < < < < < < < < < < < <	
PLEASE NO LE: LIBBILITY 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 the client for the	for any claim arising whether based in contract of	or tort, shall be limited to the amount paid by the client	t for the	

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Cool Intact
Tyes Tyes
No No CHECKED BY: (Initials) 10 verbal Result: Turnaround Time: Verbal Result: ☐ Yes ☐ No Add'I Phone #:
All Results are emailed. Please provide Email address: Thermometer ID #113
Correction Factor None REMARKS: Standard Rush Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

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

Observed Temp. °C Corrected Temp. °C

Relinquished By-

und

Date: 9/8/20 Time: 1630

Received By

Date: Time:

Received By:

REMARKS:

Ruara

All Results are emailed. Please provide Email address:

☐ No Add'l Phone #:

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Observed Temp. °C 4.8
Corrected Temp. °C

Sample Condition
Cool Intact
Pres Pres
No No

CHECKED BY:
(Initials)

Turnaround Time:

Standard Rush

Thermometer ID #113
Correction Factor None

Relinquished By:

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

company name: Much Corpustion		8/2/70	ANALYSIS REQUEST
Project Manager: Butter Bakter	P	P.O. #:	
Address:	0	Company:	
City: State:	Zip:	Attn:	
Phone #: Fax #:	P	Address:	
Project #: Project Owner:		City:	
Project Name: Manument CTB	S	State: Zip:	
Project Location: Munument CTB	סי	Phone #:	
Sampler Name: Jeff Frum	וד	Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER: DATE	CL BTEX EXT. TPH
11 811			
12 812		9/10/20 1331	< < <
13 813		3/15/20 1240	< <
7.			
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[†] Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com



September 24, 2020

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: MONUMENT CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/16/20 14:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 24-Sep-20 11:45

Fax To: (575) 393-2432

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W 1	H002465-01	Soil	16-Sep-20 11:08	16-Sep-20 14:02
W 2	H002465-02	Soil	16-Sep-20 11:10	16-Sep-20 14:02
W 3	H002465-03	Soil	16-Sep-20 11:12	16-Sep-20 14:02
W 4	H002465-04	Soil	16-Sep-20 11:14	16-Sep-20 14:02
W 5	H002465-05	Soil	16-Sep-20 12:03	16-Sep-20 14:02
W 6	H002465-06	Soil	16-Sep-20 12:05	16-Sep-20 14:02
W 7	H002465-07	Soil	16-Sep-20 12:07	16-Sep-20 14:02
B 14	H002465-08	Soil	16-Sep-20 11:38	16-Sep-20 14:02

09/24/20 - Client requested a rerun of the chloride on sample -07. Replaced previous result with the new one because there was an analyst error on the first run. This is the revised report and will replace the one sent on 09/22/20.

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Reported:

24-Sep-20 11:45



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

Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Project Manager: BRUCE BAKER Fax To: (575) 393-2432

W 1 H002465-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.8 %	73.3	-129	0091617	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091616	MS	22-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091616	MS	22-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0091616	MS	22-Sep-20	8015B	
Surrogate: 1-Chlorooctane			113 %	44.3	-144	0091616	MS	22-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			124 %	42.2	-156	0091616	MS	22-Sep-20	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 24-Sep-20 11:45

W 2 H002465-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	73.3	-129	0091617	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091616	MS	17-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091616	MS	17-Sep-20	8015B	
EXT DRO >C28-C36	10.2		10.0	mg/kg	1	0091616	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctane			103 %	44.3	-144	0091616	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			117 %	42.2	-156	0091616	MS	17-Sep-20	8015B	

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Celey D. Keine



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 24-Sep-20 11:45

Fax To: (575) 393-2432

W 3 H002465-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	73.3	-129	0091617	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	QR-03
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	QR-03
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctane		·	98.9 %	44.3	-144	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			107 %	42.2	-156	0091701	MS	17-Sep-20	8015B	

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APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 24-Sep-20 11:45

W 4 H002465-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	73.3	-129	0091617	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctane			112 %	44.3	-144	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			121 %	42.2	-156	0091701	MS	17-Sep-20	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 24-Sep-20 11:45

W 5 H002465-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091617	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.6 %	73.3	-129	0091617	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctane			105 %	44.3	-144	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			114 %	42.2	-156	0091701	MS	17-Sep-20	8015B	

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Celey D. Keine



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 24-Sep-20 11:45

Fax To: (575) 393-2432

W 6 H002465-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		101 %	73.3	-129	0091704	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctane			95.2 %	44.3	-144	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			100 %	42.2	-156	0091701	MS	17-Sep-20	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 24-Sep-20 11:45

W 7 H002465-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050	·	0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		101 %	73.3	-129	0091704	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	·
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctane			99.0 %	44.3	-144	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			104 %	42.2	-156	0091701	MS	17-Sep-20	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 24-Sep-20 11:45

B 14 H002465-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	0091702	GM	17-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0091704	MS	17-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		101 %	73.3	-129	0091704	MS	17-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctane			108 %	44.3	-144	0091701	MS	17-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			115 %	42.2	-156	0091701	MS	17-Sep-20	8015B	

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Celey D. Keine



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 24-Sep-20 11:45

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0091702 - 1:4 DI Water										
Blank (0091702-BLK1)				Prepared &	Analyzed:	17-Sep-20				
Chloride	ND	16.0	mg/kg							
LCS (0091702-BS1)				Prepared &	Analyzed:	17-Sep-20				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (0091702-BSD1)				Prepared &	z Analyzed:	17-Sep-20				
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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%REC

Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Spike

Source

Reported: 24-Sep-20 11:45

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0091617 - Volatiles										
Blank (0091617-BLK1)				Prepared &	: Analyzed:	16-Sep-20				
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	73.3-129			
LCS (0091617-BS1)				Prepared &	: Analyzed:	16-Sep-20				
Benzene	2.15	0.050	mg/kg	2.00		107	72.2-131			
Toluene	2.18	0.050	mg/kg	2.00		109	71.7-126			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	68.9-126			
Total Xylenes	6.21	0.150	mg/kg	6.00		104	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	73.3-129			
LCS Dup (0091617-BSD1)				Prepared &	Analyzed:	16-Sep-20				
Benzene	2.18	0.050	mg/kg	2.00		109	72.2-131	1.34	14.6	
Toluene	2.21	0.050	mg/kg	2.00		110	71.7-126	1.51	17.4	
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	68.9-126	1.27	18.9	
Total Xylenes	6.29	0.150	mg/kg	6.00		105	71.4-125	1.20	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	73.3-129			
Batch 0091704 - Volatiles										
Daten 0091/04 - volatiles										

Blank (0091704-BLK1)				Prepared & Analyzed	d: 17-Sep-20)	
Benzene	ND	0.050	mg/kg				
Toluene	ND	0.050	mg/kg				
Ethylbenzene	ND	0.050	mg/kg				
Total Xylenes	ND	0.150	mg/kg				
Total BTEX	ND	0.300	mg/kg				
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500	99.7	73.3-129	

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%PEC

Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 24-Sep-20 11:45

DDD

Fax To: (575) 393-2432

Snika

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%KEC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0091704 - Volatiles										
LCS (0091704-BS1)				Prepared &	k Analyzed:	17-Sep-20	1			
Benzene	2.14	0.050	mg/kg	2.00		107	72.2-131			
Toluene	2.15	0.050	mg/kg	2.00		108	71.7-126			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	68.9-126			
Total Xylenes	6.09	0.150	mg/kg	6.00		102	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	73.3-129			
LCS Dup (0091704-BSD1)				Prepared &	k Analyzed:	17-Sep-20	ı			
Benzene	2.22	0.050	mg/kg	2.00		111	72.2-131	3.88	14.6	
Toluene	2.24	0.050	mg/kg	2.00		112	71.7-126	4.13	17.4	
Ethylbenzene	2.21	0.050	mg/kg	2.00		111	68.9-126	4.31	18.9	
Total Xylenes	6.37	0.150	mg/kg	6.00		106	71.4-125	4.47	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0511	·	mg/kg	0.0500		102	73.3-129			

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%REC

Limits

42.2-156

RPD

Analytical Results For:

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

Analyte

Surrogate: 1-Chlorooctadecane

Project: MONUMENT CTB Project Number: NONE GIVEN Project Manager: BRUCE BAKER

Reported: 24-Sep-20 11:45

RPD

Limit

Notes

Fax To: (575) 393-2432

Spike

Level

50.0

Source

Result

%REC

119

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

59.5

Blank (0091616-BLK1)				Prepared & Ana	lyzed: 16-Sep-20	0	
GRO C6-C10	ND	10.0	mg/kg	Trepared & Tina	17 200. 10 Bep 20	<u> </u>	
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				

LCS (0091616-BS1)				Prepared & Ana	lyzed: 16-Sep-20				
GRO C6-C10	184	10.0	mg/kg	200	92.0	78.8-127			
DRO >C10-C28	191	10.0	mg/kg	200	95.7	80-132			
Total TPH C6-C28	375	10.0	mg/kg	400	93.8	81.3-128			
Surrogate: 1-Chlorooctane	52.9		mg/kg	50.0	106	44.3-144			
Surrogate: 1-Chlorooctadecane	61.0		mg/kg	50.0	122	42.2-156			
LCS Dup (0091616-BSD1)				Prepared & Ana	lyzed: 16-Sep-20				
GRO C6-C10	180	10.0	mg/kg	200	89.9	78.8-127	2.27	15.1	
DRO >C10-C28	187	10.0	mg/kg	200	93.6	80-132	2.20	17.1	
Total TPH C6-C28	367	10.0	mg/kg	400	91.8	81.3-128	2.23	15	

mg/kg

Surrogate: 1-Chlorooctane	51.8	mg/kg	50.0	104	44.3-144
Surrogate: 1-Chlorooctadecane	59.6	mg/kg	50.0	119	42.2-156

Batch 0091701 - Ge	neral Prep - Organics
--------------------	-----------------------

Blank (0091701-BLK1)				Prepared & Anal	yzed: 17-Sep-20	l.	
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0	102	44.3-144	
Surrogate: 1-Chlorooctadecane	57.7		mg/kg	50.0	115	42.2-156	

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%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: MONUMENT CTB
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 24-Sep-20 11:45

RPD

Limit

Notes

Fax To: (575) 393-2432

Spike

Level

Source

Result

%REC

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

LCS (0091701-BS1)				Prepared & Anal	yzed: 17-Sep-20)			
GRO C6-C10	179	10.0	mg/kg	200	89.6	78.8-127			
DRO >C10-C28	177	10.0	mg/kg	200	88.4	80-132			
Total TPH C6-C28	356	10.0	mg/kg	400	89.0	81.3-128			
Surrogate: 1-Chlorooctane	51.7		mg/kg	50.0	103	44.3-144			
Surrogate: 1-Chlorooctadecane	61.3		mg/kg	50.0	123	42.2-156			
LCS Dup (0091701-BSD1)				Prepared & Anal	yzed: 17-Sep-20)			
GRO C6-C10	175	10.0	mg/kg	200	87.6	78.8-127	2.25	15.1	
DRO >C10-C28	174	10.0	mg/kg	200	86.9	80-132	1.72	17.1	
Total TPH C6-C28	349	10.0	mg/kg	400	87.2	81.3-128	1.99	15	
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0	102	44.3-144			
Surrogate: 1-Chlorooctadecane	58.2		mg/kg	50.0	116	42.2-156			

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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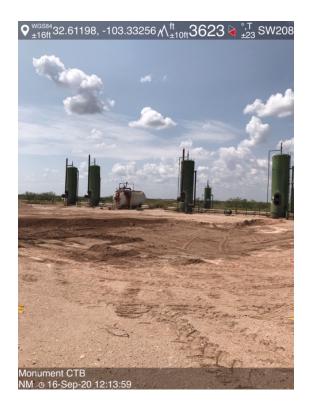
Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

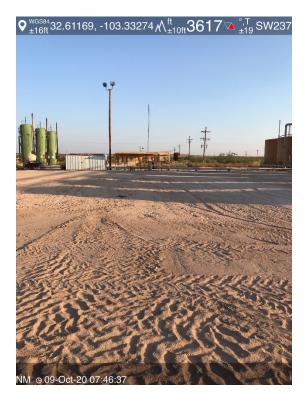


(575) 393-2326 FAX (575) 393-2476

Company Name:	Contaction .		BILL TO	00000000000000000000000000000000000000		ANALYSIS REQUEST
Project Manager: Succe Base	en		P.O. #:			
Address:			Company:			
City:	State:	Zip:	Attn:			
Phone #:	Fax #:		Address:			
Project #:	Project Owner:		City:	1 (20.5)		
Project Name: Manyment C	B		State: Zip:			
Project Location: Minument	TR		#:			
Sampler Name: Jeff Rown	•		Fax #:			
FOR LAB USE ONLY		MATRIX	ESERV.	SAMPLING	,	
Lab I.D. Sample I.D.	.D.		/BASE: COOL	2	TEX T. TPH	
H002465		# CO GRO WAS SOIL OIL SLUE				
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(3)		c	<i>C T</i>	1112 1	7	
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118 8		^	\$ shake	1138 1	<	
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Relinquished By: Date: 1/6/26 Received By: Verbal Res All Results	Date: //6/26 Time: ////26	Received By:	MAON	ult: are email	Yes ☐ No ed. Please provi	Add'I Phone #: ide Email address:
Relinquished By:		Received By:		REMARKS:		
Delivered Ry: (Circle One)	Time:	2 Cample Condition	CLECKED BY.	Time	R	1
	Samuel Town So				Rush	Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other: Co	Corrected Temp. °C	□ No □ No	A P	Thermometer ID #113 Correction Factor None		☐ Yes ☐ Yes ☐ No Corrected Temp. °C









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

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

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 10585

CONDITIONS OF APPROVAL

Operator	:		OGRID:	Action Number:	Action Type:
	APACHE CORPORATION	303 Veterans Airpark Ln	873	10585	C-141
#1000	Midland, TX79705				

OCD Reviewer	Condition
ceads	None