



303 Veterans Airpark Lane Midland, TX 79705

## **Closure Report**

August 23, 2021

Re: Tony Federal 60

Case # nRM2023238865

On 8/11/2022 a release was discovered due to a 4 inch poly flowline spit resulting in the loss of fluid. The release (GPS: 32.82262, -103.91272) is located east of Loco Hills, New Mexico in unit letter F section 19 township 17S range 31E. It is common knowledge that there is no groundwater in township 17S range 31E. A remediation plan was submitted and OCD approved with stipulations.

The release area was excavated to a depth of 1 foot. On 8/5/2021 and 8/6/2021 final 5 point bottom and wall composite samples were collected not exceeding 200 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. B1, B2, B3, B4, B5, B6, B7, B8, B9, B11, and B13 were above table one standards for chlorides. B10 was above table one standards for chloride and TPH. Those areas were further excavated to a depth of 2 feet. On 8/16/2021 final 5 point bottom and wall composite samples were collected not exceeding 200 square feet and submitted to a commercial laboratory for analysis of chloride and B10 for chloride, TPH, and BTEX. All excavated material was hauled to an OCD approved facility. The excavation was backfilled with clean imported topsoil to ground surface and contoured to the surrounding area. The disturbed area was reseeded with BLM #2 seed mixture.

Apache Corporation has remediated the release to below table one standards and respectfully request that event nRM2023238865 be closed.

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

Submitted by;

*Bruce Baker*

**Environmental Technician**

[larry.baker@apachecorp.com](mailto: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: 8/23/2021

email: larry.baker@apachecorp.com

Telephone: 432-631-6982

**OCD Only**

Received by: Chad Hensley

Date: 09/21/2021

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: 09/21/2021

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced

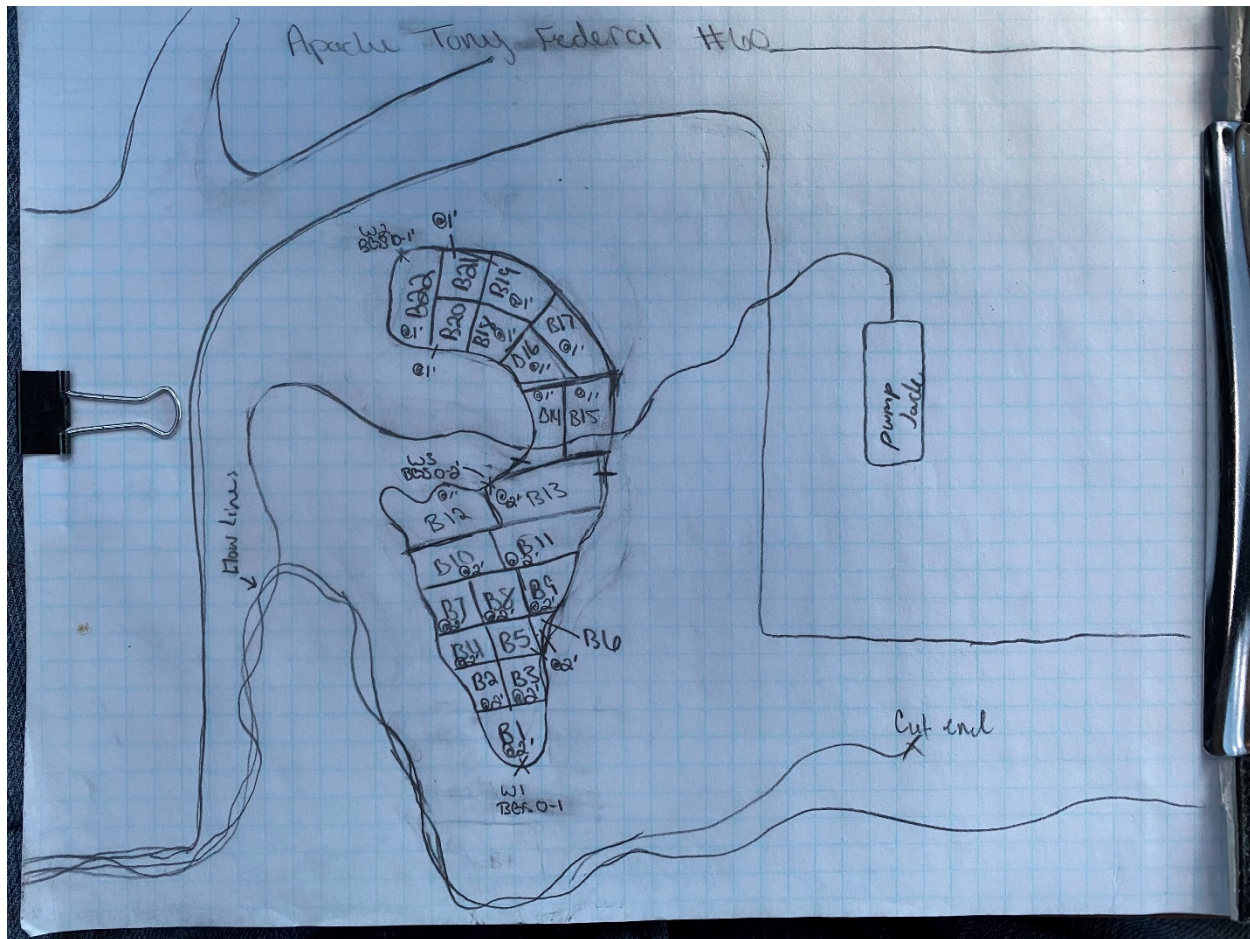


Google Earth



Google Earth

40 ft



Sample Date	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO
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**Final Bottom Samples**

8/5/2021	B1	1'	960	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B1	2'	<16.0								
8/5/2021	B2	1'	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B2	2'	<16.0								
8/5/2021	B3	1'	720	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B3	2'	<16.0								
8/5/2021	B4	1'	736	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B4	2'	<16.0								
8/5/2021	B5	1'	1,460	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.9	<10.0
8/16/2021	B5	2'	<16.0								
8/5/2021	B6	1'	1,150	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B6	2'	<16.0								
8/5/2021	B7	1'	800	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.5	<10.0
8/16/2021	B7	2'	64								
8/5/2021	B8	1'	880	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B8	2'	64								
8/5/2021	B9	1'	1,010	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B9	2'	64								
8/5/2021	B10	1'	1,560	<0.050	<0.050	<0.050	<0.150	<0.300	21.2	664	103
8/16/2021	B10	2'	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/5/2021	B11	1'	576	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B11	2'	32								
8/5/2021	B12	1'	448	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/5/2021	B13	1'	736	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	B13	2'	64								
8/6/2021	B14	1'	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B15	1'	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B16	1'	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B17	1'	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B18	1'	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B19	1'	560	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B20	1'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B21	1'	224	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	B22	1'	432	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0

**Horizontal Composites**

8/5/2021	W1	0-1'	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/6/2021	W2	0-1'	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	W3	0-2'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0



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

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August 11, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: TONY FEDERAL #60

Enclosed are the results of analyses for samples received by the laboratory on 08/05/21 16:50.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 1 @ 1' (H212097-01)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2021	ND	1.77	88.6	2.00	5.25	
Toluene*	<0.050	0.050	08/09/2021	ND	1.93	96.4	2.00	5.12	
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.85	92.6	2.00	6.02	
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.58	92.9	6.00	5.78	
Total BTEx	<0.300	0.300	08/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	960	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.9 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 2 @ 1' (H212097-02)**

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	08/09/2021	ND	1.77	88.6	2.00	5.25		
Toluene*	<0.050	0.050	08/09/2021	ND	1.93	96.4	2.00	5.12		
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.85	92.6	2.00	6.02		
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.58	92.9	6.00	5.78		
Total BTX	<0.300	0.300	08/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	320	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.9 % 38.9-142

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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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 3 @ 1' (H212097-03)**

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	08/09/2021	ND	1.77	88.6	2.00	5.25	
Toluene*	<0.050	0.050	08/09/2021	ND	1.93	96.4	2.00	5.12	
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.85	92.6	2.00	6.02	
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.58	92.9	6.00	5.78	
Total BTX	<0.300	0.300	08/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	720	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.6 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 4 @ 1' (H212097-04)**

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	08/09/2021	ND	1.77	88.6	2.00	5.25		
Toluene*	<0.050	0.050	08/09/2021	ND	1.93	96.4	2.00	5.12		
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.85	92.6	2.00	6.02		
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.58	92.9	6.00	5.78		
Total BTX	<0.300	0.300	08/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	736	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.3 % 38.9-142

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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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 5 @ 1' (H212097-05)**

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	08/09/2021	ND	1.81	90.5	2.00	7.16	
Toluene*	<0.050	0.050	08/09/2021	ND	1.98	99.0	2.00	7.01	
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.91	95.3	2.00	7.19	
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.72	95.3	6.00	6.67	
Total BTX	<0.300	0.300	08/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	1460	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	15.9	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.6 % 38.9-142

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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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 6 @ 1' (H212097-06)**

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	08/09/2021	ND	1.81	90.5	2.00	7.16		
Toluene*	<0.050	0.050	08/09/2021	ND	1.98	99.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.91	95.3	2.00	7.19		
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.72	95.3	6.00	6.67		
Total BTEx	<0.300	0.300	08/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	1150	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.3 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 7 @ 1' (H212097-07)**

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	08/09/2021	ND	1.81	90.5	2.00	7.16	
Toluene*	<0.050	0.050	08/09/2021	ND	1.98	99.0	2.00	7.01	
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.91	95.3	2.00	7.19	
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.72	95.3	6.00	6.67	
Total BTX	<0.300	0.300	08/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	800	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	15.5	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.7 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 8 @ 1' (H212097-08)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2021	ND	1.81	90.5	2.00	7.16	
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67	
Total BTEx	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	880	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.7 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 9 @ 1' (H212097-09)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16	
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67	
Total BTEx	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	1010	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.2 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 10 @ 1' (H212097-10)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16		
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67		
Total BTEx	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	1560	16.0	08/10/2021	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*	21.2	10.0	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	664	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	103	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.9 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 11 @ 1' (H212097-11)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16		
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67		
Total BTEx	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	576	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 99.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.7 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 12 @ 1' (H212097-12)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16		
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67		
Total BTEx	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	448	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.7 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 13 @ 1' (H212097-13)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16	
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67	
Total BTEx	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	736	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.0 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/05/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/05/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: W 1 BGS 0-1' (H212097-14)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16		
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67		
Total BTEx	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	176	16.0	08/10/2021	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	08/10/2021	ND	218	109	200	5.27	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	203	101	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.8 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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 "Celey D. Keene".

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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

<b>Company Name:</b> <u>Apache</u> <b>Project Manager:</b> <u>Jeff Brown</u> <b>Address:</b> <b>City:</b> <u>Hobbs</u> <b>State:</b> <u>NM</u> <b>zip:</b> <u>88240</u> <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> <b>Project Owner:</b> <b>Project Name:</b> <b>Project Location:</b> <u>Tony Federal #160</u> <b>Sampler Name:</b> <u>Joe Quisenberry Jr.</u>		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b>		<b>MATRIX</b> <input checked="" type="checkbox"/> (G)RAB OR <input type="checkbox"/> (C)OMP <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :		<b>PRESERV</b> <b>SAMPLING</b>	
<b>Lab I.D.</b> <u>#212097</u> <b>Sample I.D.</b>		<b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:30</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:32</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:34</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:36</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:38</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:52</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:54</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:56</u> <b>DATE</b> <u>8/5</u> <b>TIME</b> <u>11:58</u>		<b>CL</b> <b>Ext TPH</b> <b>BTEX</b>	
<b>PLEASE NOTE:</b> Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		<b>Relinquished By:</b> <u>Joe Quisenberry Jr.</u> <b>Date:</b> <u>8/5/21</u> <b>Relinquished By:</b> <u>Joe Quisenberry Jr.</u> <b>Date:</b> <u>8/5/21</u> <b>Received By:</b> <u>Joe Quisenberry Jr.</u> <b>Date:</b> <u>8/5/21</u> <b>Received By:</b> <u>Joe Quisenberry Jr.</u> <b>Date:</b> <u>8/5/21</u>		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>All Results are emailed. Please provide Email address:</b> <b>REMARKS:</b>	
<b>Delivered By: (Circle One)</b> <u>UPS</u> <b>Observed Temp. °C</b> <u>44</u> <b>Sampler - UPS - Bus - Other:</b> <b>Corrected Temp. °C</b>		<b>Sample Condition</b> <b>Cool</b> <input checked="" type="checkbox"/> <b>Intact</b> <input checked="" type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Checked By:</b> <u>Joe Quisenberry Jr.</u> <b>Checked By:</b> <u>Joe Quisenberry Jr.</u> <b>Turnaround Time:</b> <u>Standard</u> <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> <b>Thermometer ID #113</b> <b>Bacteria (only) Sample Condition</b> <b>Correction Factor None</b> <b>Cool</b> <input type="checkbox"/> <b>Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Observed Temp. °C</b> <b>Corrected Temp. °C</b>		<b>Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com</b>	



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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> <u>Acache</u> <b>Project Manager:</b> <u>Jeff Brown</u> <b>Address:</b> <b>City:</b> <u>Hobbs</u> <b>State:</b> <u>NM</u> <b>Zip:</b> <u>88240</u> <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> <b>Project Owner:</b> <b>Project Name:</b> <b>Project Location:</b> <u>Tony Federal #160</u> <b>Sampler Name:</b> <u>Joe Quisenberry</u>		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b>		<b>LAB I.D.</b>		<b>SAMPLE I.D.</b>	
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<b>Relinquished By:</b> <u>Joe Quisenberry</u> <b>Date:</b> <u>8/5/21</u> <b>Time:</b> <u>4:50</u> <b>Relinquished By:</b> <u>Joe Quisenberry</u> <b>Date:</b> <u>8/5/21</u> <b>Time:</b> <u>4:50</u>		<b>Received By:</b> <u>Joe Quisenberry</u> <b>Date:</b> <u>8/5/21</u> <b>Time:</b> <u>4:50</u> <b>Received By:</b> <u>Joe Quisenberry</u> <b>Date:</b> <u>8/5/21</u> <b>Time:</b> <u>4:50</u>		<b>REMARKS:</b>	
<b>Delivered By: (Circle One)</b> <u>UPS</u> <b>Observed Temp. °C</b> <u>44</u> <b>Corrected Temp. °C</b> <u>44</u> <b>Sampler - UPS - Bus - Other:</b> <b>Sample Condition</b> <b>CHECKED BY:</b> <u>(initials)</u> <b>Thermometer ID #113</b> <b>Correction Factor None</b>		<b>Standard</b> <b>Rush</b> <b>Add'l Phone #:</b> <b>Bacteria (only)</b> <b>Sample Condition</b> <b>Observed Temp. °C</b> <b>Corrected Temp. °C</b>		<b>Turnaround Time:</b> <b>Standard</b> <b>Rush</b> <b>Add'l Phone #:</b> <b>Bacteria (only)</b> <b>Sample Condition</b> <b>Observed Temp. °C</b> <b>Corrected Temp. °C</b>	



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August 11, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: TONY FEDERAL #60

Enclosed are the results of analyses for samples received by the laboratory on 08/06/21 16:31.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 14 @ 1' (H212107-01)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16	
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67	
Total BTX	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	400	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 15 @ 1' (H212107-02)**

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	08/10/2021	ND	1.81	90.5	2.00	7.16		
Toluene*	<0.050	0.050	08/10/2021	ND	1.98	99.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.91	95.3	2.00	7.19		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.72	95.3	6.00	6.67		
Total BTEx	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	144	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: W 2 BGS 0-1' (H212107-03)**

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	08/10/2021	ND	1.84	91.9	2.00	4.34		
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64		
Total BTX	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	160	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 16 @ 1' (H212107-04)**

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	08/10/2021	ND	1.84	91.9	2.00	4.34	
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64	
Total BTX	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	400	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.7 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 17 @ 1' (H212107-05)**

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	08/10/2021	ND	1.84	91.9	2.00	4.34	
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64	
Total BTX	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	400	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 72.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.6 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 18 @ 1' (H212107-06)**

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	08/10/2021	ND	1.84	91.9	2.00	4.34	
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64	
Total BTX	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	160	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.2 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 19 @ 1' (H212107-07)**

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	08/10/2021	ND	1.84	91.9	2.00	4.34	
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64	
Total BTX	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	560	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.4 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 20 @ 1' (H212107-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2021	ND	1.84	91.9	2.00	4.34		
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64		
Total BTEx	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	48.0	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.7 % 38.9-142

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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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 21 @ 1' (H212107-09)**

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	08/10/2021	ND	1.84	91.9	2.00	4.34		
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20		
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63		
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64		
Total BTX	<0.300	0.300	08/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	224	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.8 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/06/2021  
 Reported: 08/11/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/06/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 22 @ 1' (H212107-10)**

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	08/10/2021	ND	1.84	91.9	2.00	4.34	
Toluene*	<0.050	0.050	08/10/2021	ND	2.00	100	2.00	4.20	
Ethylbenzene*	<0.050	0.050	08/10/2021	ND	1.92	95.9	2.00	4.63	
Total Xylenes*	<0.150	0.150	08/10/2021	ND	5.77	96.2	6.00	4.64	
Total BTX	<0.300	0.300	08/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	432	16.0	08/10/2021	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	08/10/2021	ND	206	103	200	1.21	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	214	107	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.3 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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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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Cardinal Laboratories

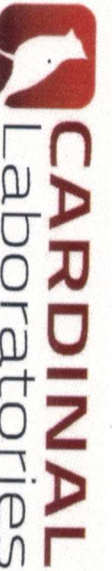
\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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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

<b>Company Name:</b> <u>Specimen</u> <b>Project Manager:</b> <u>Jeff Brown</u> <b>Address:</b> <b>City:</b> <u>Hobbs</u> <b>State:</b> <u>NM</u> <b>Zip:</b> <u>88240</u> <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> <b>Project Owner:</b> <b>Project Name:</b> <b>Project Location:</b> <u>Tony Federico #160</u> <b>Sampler Name:</b> <u>Joe Cascales Jr</u>				<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>				<b>ANALYSIS REQUEST</b>							
<b>FOR LAB USE ONLY</b>				<b>Matrix</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				<b>Preserv</b> ACID/BASE: ICB / COOL OTHER:				<b>SAMPLING</b> DATE TIME			
Lab I.D. <u>HA12107</u>				Sample I.D.				(G)RAB OR (C)OMP.				# CONTAINERS <u>40</u>			
1 <u>BH01'</u>				X				X				8:20			
2 <u>B1501'</u>				X				X				8:22			
3 <u>W2 BOS 01'</u>				X				X				10:48			
4 <u>B16001'</u>				X				X				11:37			
5 <u>B12001'</u>				X				X				11:39			
6 <u>B18001'</u>				X				X				1:30			
7 <u>B19001'</u>				X				X				1:30			
8 <u>B20001'</u>				X				X				1:34			
9 <u>B21001'</u>				X				X				1:56			
10 <u>B22001'</u>				X				X				2:15			

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<b>Relinquished By:</b> <u>Joe Cascales Jr</u>				<b>Received By:</b> <u>Janet A. Keene</u>				<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>			
<b>Date:</b> <u>8/16</u>				<b>Date:</b> <u>8/16</u>				<b>All Results are emailed. Please provide Email address:</b>			
<b>Time:</b> <u>4:31</u>				<b>Time:</b> <u>4:31</u>				<b>REMARKS:</b>			
<b>Relinquished By:</b>				<b>Received By:</b>							

<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other:		<b>Observed Temp. °C</b> <u>4.6</u> <b>Corrected Temp. °C</b>		<b>Sample Condition</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<b>CHECKED BY:</b> <u>T.B.</u> (Initials)		<b>Turnaround Time:</b> <u>Standard</u> Rush <input checked="" type="checkbox"/>		<b>Bacteria (only) Sample Condition</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<b>Observed Temp. °C</b> <b>Corrected Temp. °C</b>	
---	--	--	--	---	--	--	--	---	--	---	--	---	--

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



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

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August 17, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: TONY FEDERAL #60

Enclosed are the results of analyses for samples received by the laboratory on 08/16/21 16:50.

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](http://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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received:	08/16/2021	Sampling Date:	08/16/2021
Reported:	08/17/2021	Sampling Type:	Soil
Project Name:	TONY FEDERAL #60	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 1 @ 2' (H212167-01)**

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	08/17/2021	ND	416	104	400	3.92		

**Sample ID: B 2 @ 2' (H212167-02)**

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	08/17/2021	ND	432	108	400	3.77		

**Sample ID: B 3 @ 2' (H212167-03)**

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	08/17/2021	ND	432	108	400	3.77		

**Sample ID: B 4 @ 2' (H212167-04)**

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	08/17/2021	ND	432	108	400	3.77		

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/16/2021  
 Reported: 08/17/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 5 @ 2' (H212167-05)**

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	08/17/2021	ND	432	108	400	3.77		

**Sample ID: B 6 @ 2' (H212167-06)**

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	08/17/2021	ND	432	108	400	3.77		

**Sample ID: B 7 @ 2' (H212167-07)**

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	08/17/2021	ND	432	108	400	3.77		

**Sample ID: B 8 @ 2' (H212167-08)**

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	08/17/2021	ND	432	108	400	3.77		

**Sample ID: B 9 @ 2' (H212167-09)**

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	08/17/2021	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/16/2021  
 Reported: 08/17/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 10 @ 2' (H212167-10)**

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	08/17/2021	ND	1.78	89.2	2.00	5.12		
Toluene*	<0.050	0.050	08/17/2021	ND	1.96	97.9	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/17/2021	ND	1.90	94.8	2.00	5.41		
Total Xylenes*	<0.150	0.150	08/17/2021	ND	5.70	95.0	6.00	4.95		
Total BTX	<0.300	0.300	08/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	144	16.0	08/17/2021	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	08/17/2021	ND	195	97.4	200	0.946	
DRO >C10-C28*	<10.0	10.0	08/17/2021	ND	215	107	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	08/17/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.6 % 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  
 JEFFREY BROOM  
 2350 W. MARLAND BLVD.  
 HOBBS NM, 88240  
 Fax To: (575) 393-2432

Received: 08/16/2021  
 Reported: 08/17/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 11 @ 2' (H212167-11)**

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	08/17/2021	ND	432	108	400	3.77		

**Sample ID: B 13 @ 2' (H212167-12)**

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	08/17/2021	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/16/2021  
 Reported: 08/17/2021  
 Project Name: TONY FEDERAL #60  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 08/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: W 3 BGS 0-2' (H212167-13)**

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	08/17/2021	ND	1.78	89.2	2.00	5.12		
Toluene*	<0.050	0.050	08/17/2021	ND	1.96	97.9	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/17/2021	ND	1.90	94.8	2.00	5.41		
Total Xylenes*	<0.150	0.150	08/17/2021	ND	5.70	95.0	6.00	4.95		
Total BTEx	<0.300	0.300	08/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	08/17/2021	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	08/17/2021	ND	195	97.4	200	0.946	
DRO >C10-C28*	<10.0	10.0	08/17/2021	ND	215	107	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	08/17/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.2 % 38.9-142

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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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



**BILL TO**

## ANALYSIS REQUEST

FOKIM-000 K.S.T 00/04/20



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Company Name:** Apacube

**Project Manager:** Jeff Brown

**Address:** \_\_\_\_\_

**City:** Holts **State:** ND **Zip:** 58240

**Phone #:** \_\_\_\_\_ **Fax #:** \_\_\_\_\_

**Project #:** \_\_\_\_\_ **Project Owner:** \_\_\_\_\_

**Project Name:** \_\_\_\_\_

**Project Location:** Tony Federal #60

**Sampler Name:** Jeff Brown

**P.O. #:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Attn:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**Phone #:** \_\_\_\_\_ **Fax #:** \_\_\_\_\_

**FOR LAB USE ONLY**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:		
<u>H21267</u>											
<u>11 B11 0-2'</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
<u>12 B13 0-2'</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
<u>13 B13 0-2'</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								

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**Relinquished By:** \_\_\_\_\_ **Date:** 8/16 **Received By:** \_\_\_\_\_

**Refiniquished By:** \_\_\_\_\_ **Date:** 8/16 **Received By:** \_\_\_\_\_

**Delivered By:** (Circle One) Observed Temp. °C 5.1 **Sample Condition** ☒ Cool ☒ Intact ☐ Yes ☐ No **CHECKED BY:** \_\_\_\_\_ (Initials)

**Sampler - UPS - Bus - Other:** \_\_\_\_\_ **Corrected Temp. °C** \_\_\_\_\_ ☐ Yes ☐ No **Thermometer ID #113** ☐ Yes ☐ No **Correction Factor** ☐ None

**REMARKS:** \_\_\_\_\_

**Turnaround Time:** \_\_\_\_\_ **Standard** ☐ **Rush** ☒ **Bacteria (only)** ☐ **Cool Intact** ☐ **Yes** ☐ **No** **Sample Condition** ☐ **Observed Temp. °C** \_\_\_\_\_ **Corrected Temp. °C** \_\_\_\_\_

**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** \_\_\_\_\_

**All Results are emailed. Please provide Email address:** \_\_\_\_\_

## North West Elevation

☀ 157°SE (T) ● 32°49'22"N, 103°54'46"W ±88ft ▲ 3670ft



## South Elevation

☀ 20°N (T) ● 32°49'21"N, 103°54'45"W ±13ft ▲ 3668ft



## North West Elevation

☼ 145°SE (T) ● 32°49'21"N, 103°54'46"W ±13ft ▲ 3668ft



20 Aug 2021, 14:53:31

## South East Elevation

☼ 337°NW (T) ● 32°49'20"N, 103°54'45"W ±13ft ▲ 3667ft



20 Aug 2021, 14:54:08



***Tony Federal # 60***  
***NRM2023238865***  
**Revegetation**  
**And**  
**Noxious Weed Plan**

**Revegetation Plan:**

All the disturbed area in the pasture will be properly prepared and seeded with BLM # 2. 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 43739

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 43739
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	9/21/2021