

## 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;

Environmental Technician

larry.baker@apachecorp.com

Cell# 432-631-6982

Page 2 of 5.

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 it	tems must be included in the closure report.
☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in
Printed Name: Larry Baker	Title: Environmental Tech SR.
Signature: Larry Baker	Date: 8/23/2021
Signature: Larry Baker  email: larry.baker@apachecorp.com	Telephone: 432-631-6982
OCD Only	
Received by: Chad Hensley	Date:09/21/2021
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date: 09/21/2021
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced







Sample	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total	GRO	DRO	EXT DRO
Date			<u> </u>			<u> Carantara</u>	Xylenes	BTEX			
0/5/2024		41	0.00		inal Bottom		0.450	0.000	40.0	40.0	400
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	0.070	0.0=0	0.070	0.450	0.000	40.0	10.0	10.0
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	В6	1'	1,150	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
8/16/2021	В6	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	В9	1'	1,010	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0
8/16/2021	В9	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
					orizontal Co						
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



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### 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 Name: TONY FEDERAL #
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		Analyze	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	% 69.9-14	0						
Chloride, SM4500CI-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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	82.9	% 38.9-14	2						

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 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 2 @ 1' (H212097-02)

TEX 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	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	99.0	% 69.9-14	0						
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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.9	% 38.9-14	22						

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Celey D. Keene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

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

RTFY 8021R

IEX 8021B	тд/кд		Anaiyze	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	99.6	% 69.9-14	0						
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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.6	% 38.9-14	2						

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Celeg D. Freene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

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

RTFY 8021R

% Recovery 77 88.6 93 96.4 85 92.6	True Value QC 2.00 2.00	RPD 5.25 5.12	Qualifier
96.4	2.00		
		5.12	
92.6			
	2.00	6.02	
58 92.9	6.00	5.78	
S % Recovery	True Value QC	RPD	Qualifier
.6 104	400	0.00	
S % Recovery	True Value QC	RPD	Qualifier
.8 109	200	5.27	
3 101	200	4.33	
S	6 % Recovery 8 109	6 % Recovery True Value QC 8 109 200	6 % Recovery True Value QC RPD 8 109 200 5.27

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Celeg D. Keene



### Analytical Results For:

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

(0.3) 515 -

Received: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 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 5 @ 1' (H212097-05)

TEX 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	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	99.2	% 69.9-14	0						
Chloride, SM4500Cl-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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	80.6	% 38.9-14	2						

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Celeg D. Freene



### Analytical Results For:

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

Received: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

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

RTFY 8021R

IEX 8021B	mg/kg		Anaiyze	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	% 69.9-14	0						
Chloride, SM4500CI-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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	82.3	% 38.9-14	2						

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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: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 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 7 @ 1' (H212097-07)

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	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	99.7	% 69.9-14	0						
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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	82.7	% 38.9-14	12						

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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: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

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

RTFY 8021R

IEX 8021B	тд/кд		Anaiyze	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	% 69.9-14	0						
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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.7	% 38.9-14	2						

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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: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 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 9 @ 1' (H212097-09)

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	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	% 69.9-14	0						
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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.2	% 38.9-14	22						

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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:
 08/05/2021
 Sampling Date:
 08/05/2021

 Reported:
 08/11/2021
 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 10 @ 1' (H212097-10)

TEX 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	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	% 69.9-14	0						
Chloride, SM4500Cl-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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.9	% 38.9-14	2						

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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:
 08/05/2021
 Sampling Date:
 08/05/2021

 Reported:
 08/11/2021
 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 11 @ 1' (H212097-11)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.7	% 38.9-14	2						

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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: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOT GIVEN

mg/kg

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

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyac	a by. 1-15					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.7	% 38.9-14	2						

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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: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

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

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	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.0	% 38.9-14	2						

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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: 08/05/2021 Sampling Date: 08/05/2021

Reported: 08/11/2021 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: W 1 BGS 0-1' (H212097-14)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.8	% 38.9-14	2						

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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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Celeg D. Freene

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

# CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

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

Company Name:		BILL TO	3	AN		
Project Manager:		100		- AIN	ANALYSIS KEG	KEQUEST
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Project #: Project Owner:		City:			2	
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e: Jose Min Sticker		Fax #:			7	
FOR LAB USE ONLY	MATRIX	SERV.	SAMPLING		1	
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PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be knited to the smouth paid by the client for the	ry claim arising whether based in contract or to	ort, shall be kmitted to the amount pa	3:18 XX	7		
analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental 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 considerations, the continuation of the performance of considerations of the continuation of the co	shall be deemed waived unless made in writing and received by Cardinal within 30 days after including without limitation, business interruptions, loss of use, or loss of profits incurred by clied the cardinal, regardless of whether such claim is based upon any of the above stated reas	eived by Cardinal within 30 days afti of use, or loss of profits incurred by sed upon any of the above stated re	ad by the client for the er completion of the applicable client, its subsidiaries, easons or otherwise.			
humlet	Omore)	Makey	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address:	Yes ☐ No Add'i ed. Please provide Em	Add'  Phone #:  de Email address:	
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Sampler - UPS - Bus - Other: Corrected Temp. °C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard /	Bacteria (only) Sample Condition Cool Intact Observed Temp	ample Condition
Sampler - Ur3 - Bus - Other: Corrected Temp. °C	Yes Tyes	40	Thermometer ID #113		Ġ	Observed Temp, °C

Corrected Temp. °C

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

# 101 East Marland, Hobbs, NM 88240

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

State: NU ZIP: % SHO Attn:  Fax #: Project Owner: City: State: Zip:  Project Owner: State: St	Company Name:	* Apacha		BILL TO		A		OI ITOY	
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All Results are emailed. Please provide Email address:    Corrected Temp. °C   44   Sample Condition   Checked By:	-		X	X	3:20 X X	X	,		
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† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 08/06/2021 Sampling Date: 08/06/2021 Reported: 08/11/2021 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 14 @ 1' (H212107-01)

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	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.5	% 38.9-14	2						

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Celey D. Keine



### Analytical Results For:

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

Received: 08/06/2021 Sampling Date: 08/06/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOT GIVEN

mg/kg

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

BTEX 8021B

	9,	9	7	7: : : :					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.5	% 38.9-14	2						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/06/2021 Sampling Date: 08/06/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

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

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	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	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.2	% 38.9-14	2						

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Celey D. Keene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/06/2021 Sampling Date: 08/06/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.7	% 38.9-14	2						

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Celeg D. Freene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/06/2021 Sampling Date: 08/06/2021

Reported: 08/11/2021 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 17 @ 1' (H212107-05)

BTEX 8021B	mg	/kg	Analyze	ed 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	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.6	% 38.9-14	2						

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Celey D. Keine



08/06/2021

### Analytical Results For:

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

Received: 08/06/2021 Sampling Date:

ma/ka

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.2	% 38.9-14	2						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/06/2021 Sampling Date: 08/06/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

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

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	98.4	% 69.9-14	0						
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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.4	% 38.9-14	2						

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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 Sampling Date: 08/06/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

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

RTFY 8021R

B1EX 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	80.7	% 38.9-14	2						

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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 Sampling Date: 08/06/2021 Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: NOT GIVEN

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

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	1.84	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	98.5	% 69.9-14	0						
Chloride, SM4500Cl-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% 44.3-13		3						
Surrogate: 1-Chlorooctadecane	79.8	% 38.9-14	2						

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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 Sampling Date: 08/06/2021

Reported: 08/11/2021 Sampling Type: Soil

Project Name: TONY FEDERAL #60 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

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

RTFY 8021R

BIEX 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	99.7	% 69.9-14	0						
Chloride, SM4500Cl-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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	79.3	% 38.9-14	2						

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Celey D. Keine



### **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  $6^{\circ}\text{C}$ 

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

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:		BILL TO		ANA	ANALYSIS REQUEST	IEST	
Project Manager:	P.O.	0. #:					_
Address:	Co	Company:					
City: Hobbos State: July	Zip: SYDU() Attn:	tn:			×		-
Phone #: Fax #:		Address:		\$	91.7		
Project #: Project Owner:	City:	<b>y</b>					
Project Name:	Sta	State: Zip:		V v			
Project Location: law fulson #100		#:	×		*		
Sampler Name:		Fax #:					
FOR LAB USE ONLY	6 MATRIX	PRESERV. SAMPLING	PLING	<i>Q</i> -	-		
Lab I.D. Sample I.D.	WATER /ATER		t-DH &	3			
Hararon	# CONT GROUN WASTE SOIL OIL SLUDG OTHER	ACID/BA	C/ EX/	BTE			
BHOL	X	XX 8/10	X	X			_
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LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the	laim arising whether based in contract or tort, s	shall be limited to the amount paid to	by the client for the	8			
envice. In no event shall Cardynal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries or successors arising out of or related to the performance of services hapeur. Corby, Cardinal, regr. cliess of whether such claim is based upon any of the above stated reasons or otherwise.	without limitation, business interruptions, loss of use, or dinal, rsgs. dless of whether such claim is based upor	use, or loss of profits incurred by client, its subsidiarie dupon any of the above stated reasons or otherwise.	on, its subsidiaries, ons or otherwise.				
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Time:	Necelved by:		REMARKS:		*	× 30	
Delivered By: (Circle One) Observed Temp. °C &	O I	Υ.	Turnaround Time:	Standard 💹 1	Bacteria (only) S	Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other: Corrected Temp.°C	A Yes A Yes	(Initials)	Thermometer ID #113 · Correction Factor None		Cool Intact ☐ Yes ☐ Yes	Observed Temp. °C	



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### 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, SM4500CI-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	08/17/2021	ND	416	104	400	3.92	

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

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	08/17/2021	ND	432	108	400	3.77	

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

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	08/17/2021	ND	432	108	400	3.77	

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

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	08/17/2021	ND	432	108	400	3.77	

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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 Sampling Date: 08/16/2021

Reported: 08/17/2021 Sampling Type: Soil TONY FEDERAL #60

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

Project Location: NOT GIVEN

Chloride, SM4500CI-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	08/17/2021	ND	432	108	400	3.77	
Sample ID: B 6 @ 2' (H2	12167-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
			00/47/2024	ND	432	108	400	3.77	
Sample ID: B 7 @ 2' (H2	<16.0 <b>12167-07)</b> mg	16.0 /kg	08/17/2021  Analyze	d By: GM	132	100		J.,	
Chloride Sample ID: B 7 @ 2' (H2		16.0	08/17/2021	ND	132	100		<b>3.</b> ,	
Sample ID: B 7 @ 2' (H2	12167-07)		, ,		BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: B 7 @ 2' (H2 Chloride, SM4500CI-B	12167-07) mg	/kg	Analyze	d By: GM					Qualifier
Sample ID: B 7 @ 2' (H2 Chloride, SM4500CI-B Analyte Chloride	12167-07) mg Result 64.0	<b>/kg</b> Reporting Limit	<b>Analyze</b> Analyzed	d By: GM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: B 7 @ 2' (H2 Chloride, SM4500CI-B  Analyte Chloride  Sample ID: B 8 @ 2' (H2	12167-07) mg Result 64.0	/kg  Reporting Limit  16.0	Analyzed 08/17/2021	d By: GM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: B 7 @ 2' (H2 Chloride, SM4500CI-B  Analyte Chloride  Sample ID: B 8 @ 2' (H2	12167-07) mg Result 64.0 12167-08)	/kg  Reporting Limit  16.0	Analyzed 08/17/2021	<b>d By: GM</b> Method Blank  ND	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: B 7 @ 2' (H2 Chloride, SM4500CI-B  Analyte  Chloride  Sample ID: B 8 @ 2' (H2 Chloride, SM4500CI-B	12167-07) mg Result 64.0 12167-08)	/kg Reporting Limit 16.0	Analyzed 08/17/2021 Analyze	d By: GM  Method Blank  ND  d By: GM	BS 432	% Recovery 108	True Value QC 400	RPD 3.77	

Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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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Celeg D. Keene



### 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

Analyzed By: MS

Project Location: NOT GIVEN

mg/kg

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

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	a by. 1-15					
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	98.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.6	% 38.9-14	2						

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Celey D. Keine



### 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 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 08/17/2021 ND 432 400 32.0 16.0 108 3.77

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

Chloride, SM4500Cl-B Analyzed By: GM mg/kg Reporting Limit Analyzed BS True Value QC RPD Analyte Result Method Blank % Recovery Qualifier Chloride 64.0 16.0 08/17/2021 432 400 3.77 ND 108

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Celey D. Keene



### 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

Analyzed By: MC

Project Location: NOT GIVEN

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	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	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	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.2	% 38.9-14	2						

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Celey D. Keene



### **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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Celeg D. Freene

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Sample I.D.   BILL TO   ANALYSIS REQUES   Fox #:   Project Owner:   City:   State:   Zip:   Project Owner:   City:   Project Owner:   City:   State:   Zip:   Project Owner:   City:   State:   Zip:   Project Owner:   City:   Project Owner:   City:   Project Owner:   City:   State:   City:   State:   Zip:   Project Owner:   City:   City:   Project Owner:   City:   Ci	101 East Mariand, Hobbs, NW OCCTO				•	
End of the Company:  Fax 8:  Project Owner:  City:  Shalls:  Zip:  Shalls: Zip:  Shalls: Zip:  DATE Time:  City:  City:  City:  City:  City:  Shalls: Zip:  DATE Time:  City:  City:  City:  Shalls: Zip:  City:  City:  City:  City:  Shalls: Zip: City:  City:  City:  City:  City:  City:  City:  Shalls: Zip: City: City	(575) 393-2326		BILL TO		ANALYSIS REQUEST	1
Sample I.D.  Sample I.D.  Sample I.D.  ORIGINATER  MATRIX  PROSERV  SAMPLING  PAR B:  CDP:  PAR B:  SAMPLING  PAR B:  CDP:  CDP: CDP:	Boach	P.O. #				
State:   Address:   Ad	Idilagei. JOHA	Comp	oany:			
Address:  Project Owner:  State:    City:   State:   Zip:	State: WX	0			4	
Sample I.D.  Sample I.D.  RATRIX  PRESERVI SAMPLING  PLAN  Fax 8:  Fax	Fax #:		SSS:			
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Sample I.D.  BORNATER  GRADIERS  GRA	sampler Name: ) of Consent Of.	Fa	ESERV.	ING		
Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Rush No Corrected Temp. °C  Cool Intact Observed Temp. °C  Cool Intact Observed Temp. °C  Cool Intact Observed Temp. °C		MAIRIX				
Cool Intact   D #113   Rush   Corrected Temp. °C	Sample I.D.	NTAINERS , UNDWATER TEWATER DGE ER:	COOL	of TPH		
3.6. 3.  3.6	4212167	# CO GRO WAS SOIL OIL SLUI	OTH	( C		
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policable    X   X   X   X   X   X   X   X   X	4 BUCA	) C	< >	X		
X   X   X   X   X   X   X   X   X   X	\ BS@2'	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	* >	(47 X		
pplicable    Yes	2 R 7 8 D	C ×	×	X		
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It: □ Yes □ No Add'I Phone #: re emailed. Please provide Email address: re emailed. Please provide Email address:  Time: Standard □ Bacteria (only) S Cool Intact Rush □ Yes □ Yes □ No	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for an analyses. All claims including those for negligence and any other cause whatsoever shall be deanlyses. All claims including those for negligence and any other cause whatsoever shall be deanlyses. All claims including those for negligence and any other cause whatsoever including analyses.	y claim arising whether based in contract or tort, emend waived unless made in writing and receive without limitation, business interruptions, loss of u	shall be limited to the amount paid ed by Cardinal within 30 days after use, or loss of profits incurred by cli	by the client for the completion of the applicable completion of the applicable lient, its subsidiaries, after a strength or a s		
Date:  Received By:  Time:  Sample Condition CHECKED BY:  Cool Intact (Initials) Thermometer ID #113	Sentoc. In to even a sear consume of services hereunder by Carriage or successor arising cut of or related to the performance of services hereunder by Carriage of Services here	rdinal, regardless of whether such claim is based.  Received By:	Market States	Verbal Result: ☐ Yes ☐ No All Results are emailed. Please pr	Add'l Phone #: ovide Email address:	
Time:  Observed Temp. °C  Cool Infact  Themometer ID #113  Themometer ID #113  Themometer ID #113  Themometer ID #113	hund to be	Received By:	Massey	REMARKS:		
Observed Temp. °C  Sample Condition CHECKED BY:   Iurnaround Illine: Rush   Cool Intact (Initials)   Cool Intact	Time:	,			Bacteria (only) S	
L'OTRECHOIL CONTROL OF THE PROPERTY OF THE PRO	hor	-	CHECKED BY: (Initials)	13 one	Cool Intact  Yes Yes  No No	

Page 8 of 9

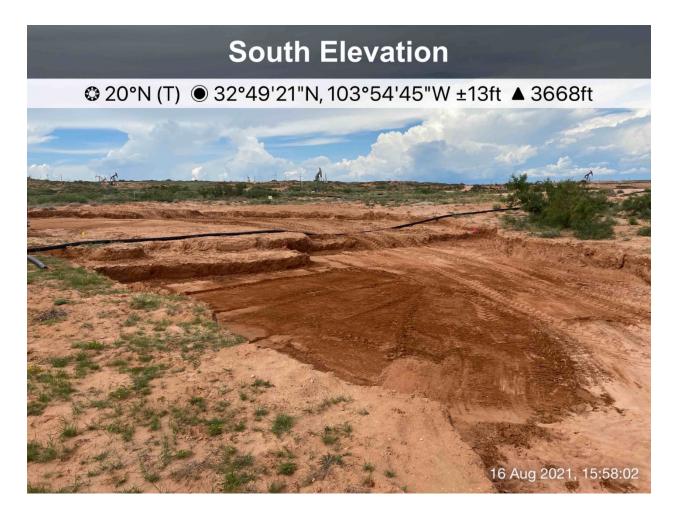
## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476		ANAI YSIS REQUEST
Company Name: Apach	BILL 10	
Project Manager: July Brown	7.0.#	
Address:		
City: Holdes State: NWZip:88240	Attn:	
Phone #: Fax #:	Address:	
	City:	
amp.	State: Zip:	
7	Phone #:	
Project Location: IONG FEOREGIA HOU	Tac #	
Sampler Name: Jean Change Service Dr.	Fa	NG .
	MATRIX PRESERV. SAMPL	
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(G)RAB OR # CONTAIN WASTEWA	SOIL OIL SLUDGE OTHER: ACID/BASI	TIME
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affiliates or successors arising out of or related to the performance of sendoes hereunder by Cardinii, regardioss of who Relinquished By:  Received By:	regardloss of whit their such claim is based upon any unuse above served to ceived By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
Refinquished By:  Date: Received By:	WA CHAMPEN	REMARKS:
Time:		Charles
Delivered By: (Circle One) Observed Temp. °C Sam	Sample Condition CHECKED BY: Cool Intact (Initials)	ne: Standard L
Corrected Temp °C	es Yes	Thermometer ID #113   Yes   Yes   Yes   Corrected Temp. °C

### **North West Elevation**











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

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

### CONDITIONS

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