### Remediation Plan

March 1, 2021

Re: WP Byrd Tank Battery Case# NRM2035052334

### Background:

On 11/29/2020 a release occurred due a failure on a 1 inch circulating line resulting in the loss of fluid. The release (GPS: 32.59134, -103.30750) is located south of Monument, New Mexico in unit letters B&G section 12 township 20S range 36E. A groundwater survey was conducted utilizing USGS wells of record. The nearest well of record suggest the groundwater depth below the release to be 33 feet below ground surface. The release is in an area of known groundwater impact see AP-30 for details.

On 2/4/2021 vertical delineation samples were conducted utilizing a hand auger to a depth of 5 feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory analysis were above table one standards for TPH. On 2/22/2021 SP 1 and SP 2 were advanced to a depth of 9 feet utilizing a hand auger. All samples collected were submitted to a commercial laboratory for analysis of TPH and BTEX. Laboratory analysis were above table one standards for TPH. On 2/24/2021 SP 1 and SP 2 were advanced utilizing a hand auger to a refusal depth due to hardness of soil to 10 feet. All samples were collected and submitted to a commercial laboratory for analysis of TPH and BTEX. Laboratory results were above table one standards for TPH.

### Variance Request:

Due to limited access caused by pipeline infrastructure at the release site Apache Corporation would like to request a variance to continue delineation during remediation activities. At the time of remediation pipelines will be rerouted to gain access to excavate the release area.

### Remediation Plan:

Apache Corporation proposes that the release area around SP 1 nearest the heater treaters to be excavated to a depth of 1 foot. The area around SP 2 between the two berms will be excavated to table one standards for release less than 50 feet to groundwater to the extent that can be safely achieved. All excavated material (640 yards) will be hauled to an OCD approved disposal facility. Final 5 point and bottom samples will be collected not to exceed 200 square feet and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. The excavation will be backfill with clean imported caliche. The remediation will be completed within 90 days of OCD approval of the plan.

Received by OCD: 3/1/2021 12:51:49 PM Enclosed: C-141, Groundwater Data, Maps, Sample Data, and Laboratory Results,

Submitted by;

Bruce Baker

**Environmental Technician** larry.baker@apachecorp.com Cell# 432-631-6982

Received by OCD: 3/1/2021	12:51:49 PM
Form C-141	State of New Mexico
Page 3	Oil Conservation Division

	Page 3 of 44
Incident ID	
District RP	
Facility ID	
Application ID	

### Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

(ft bgs)
☐ Yes ☑ No
☐ Yes ☑ No
☐ Yes ☑ No
✓ Yes ☐ No
☐ Yes ☑ No
tical extents of soil
s.

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 3/1/2021 12:51:49 PM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

Incident ID NRM2035052334

District RP
Facility ID

Application ID

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.

Printed Name: Larry Baker

Signature: Larry Baker

Title: Environmental Tech SR.

Date: 3/1/2021

Telephone: 432-631-6982

OCD Only

Received by: Cristina Eads

Date: 04/04/2021

Page 5 of 44

Incident ID	NRM2035052334
District RP	
Facility ID	
Application ID	

### **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be	included in the plan.								
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)									
Deferral Requests Only: Each of the following items must be con-	firmed as part of any request for deferral of remediation.								
Contamination must be in areas immediately under or around prodeconstruction.	oduction equipment where remediation could cause a major facility								
Extents of contamination must be fully delineated.									
Contamination does not cause an imminent risk to human health	the environment, or groundwater.								
I hereby certify that the information given above is true and complet rules and regulations all operators are required to report and/or file c which may endanger public health or the environment. The acceptar liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local laterals.	ertain release notifications and perform corrective actions for releases ace of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, cceptance of a C-141 report does not relieve the operator of								
Printed Name: Larry Baker	Title: Environmental Tech SR.								
Printed Name: Larry Baker  Signature: Larry Baker	Date: 3/1/2021								
email: larry.baker@apachecorp.com	Telephone: 432-631-6982								
OCD Only									
Received by: Cristina Eads	Date: 04/04/2021								
Approved with Attached Conditions of A	Approval Denied Deferral Approved								
Signature: Justu 2	Date: 06/29/2021								





### New Mexico Office of the State Engineer Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

Y

L 13524 POD1

1 3 2 12 20S 36E

658948

X

3607082 🏺

Driller License:

1456

Driller Company:

WHITE DRILLING COMPANY

Driller Name:

Drill Start Date:

V

WHITE, JOHN W

D :11.1

Drill Finish Date:

03/25/2014

Plug Date:

Source:

Shallow

Log File Date: Pump Type:

03/25/2014 04/16/2014

PCW Rcv Date:
Pipe Discharge Size:

Estimated Yield:

nanow

Casing Size:

2.00

Depth Well:

42 feet

Depth Water:

33 feet

Water Bearing Stratifications:

Top E

Bottom Description

35 Other/Unknown

35

42 Sandstone/Gravel/Conglomerate

Casing Perforations:

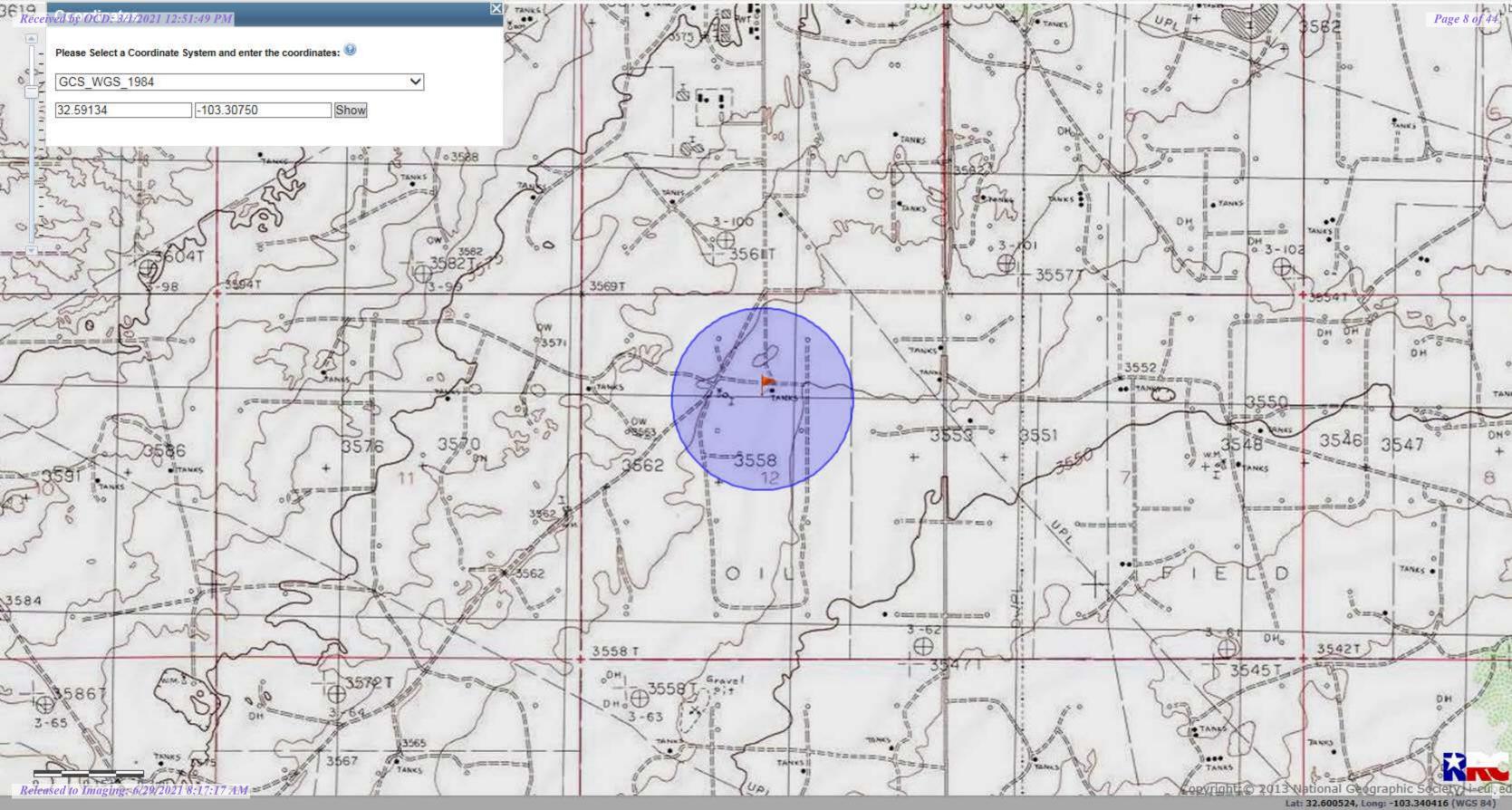
Top Bottom

26 41

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

3/1/21 8:33 AM

POINT OF DIVERSION SUMMARY





Sample	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total	GRO	DRO	EXT DRO	<b>GPS Coordinates</b>
Date							Xylenes	BTEX				
												32.591397
2/4/2021	SP1	S	<16.0	<0.200	3.62	4.37	25.000	33	3110	32700	5690	-103.307590
2/4/2021		1'	16	< 0.453	4.9	3.19	15.40	24.00	2230	11400	2440	
2/4/2021		2'	48	<0.050	<0.050	<0.050	<0.150	<0.300	10.2	226	41.9	
2/4/2021		3'	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	151	28.8	
2/4/2021		4'	112	<0.050	0.242	0.246	1.310	1.80	163	1390	288	
2/4/2021		5'	64	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	187	47.9	
2/22/2021		7'		< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	138	22.4	
2/22/2021		9'		< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	247	45.3	
2/24/2021		10'		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	341	89.5	
												32.591332
	SP2	S	32	0.219	5.93	5.06	25.800	37	2750	23600	4980	-103.307474
2/4/2021		1'	16	1.07	8.85	4.11	17.10	31.20	4160	12300	3090	
2/4/2021		2'	32	1.88	14.3	6.28	27.300	49.8	5130	13500	2860	
2/4/2021		3'	<16.0	0.711	6.67	2.21	15.100	24.7	2730	7590	1610	
2/4/2021		4'	<16.0	<0.500	5.24	2.45	18.600	26.3	5770	15500	3140	
2/4/2021		5'	32	< 0.050	0.893	0.987	5.210	7.09	531	2330	503	
2/22/2021		7'		< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.9	<10.0	
2/22/2021		9'		< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	189	23.8	
2/24/2021		10'		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	731	208	
2/4/2021	H1	S	<16.0	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	512	315	
												32.591389
2/22/2011		S		< 0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.307522
												32.591331
2/4/2021	H2	S	48	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.307419
												32.591271
2/4/2021	Н3	S	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.307499
												32.591349
2/4/2021	H4	S	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.307586



February 08, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: WP BYRD #2

Enclosed are the results of analyses for samples received by the laboratory on 02/04/21 16:35.

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)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NONE GIVEN

### Sample ID: SP 1 @ SURFACE (H210291-01)

BTEX 8021B	mg,	/kg	Analyze	ed By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	02/08/2021	ND	2.07	104	2.00	1.15	GC-NC1
Toluene*	3.62	0.200	02/08/2021	ND	2.18	109	2.00	2.27	GC-NC1
Ethylbenzene*	4.37	0.200	02/08/2021	ND	2.18	109	2.00	2.96	GC-NC1
Total Xylenes*	25.0	0.600	02/08/2021	ND	6.93	116	6.00	3.78	
Total BTEX	33.0	1.20	02/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	311	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3110	100	02/05/2021	ND	215	108	200	7.12	
DRO >C10-C28*	32700	100	02/05/2021	ND	214	107	200	3.53	
EXT DRO >C28-C36	5690	100	02/05/2021	ND					
Surrogate: 1-Chlorooctane	754	% 44.3-14	'4						
Surrogate: 1-Chlorooctadecane	1320	% 42.2-15	6						

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\*=Accredited Analyte

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Celey D. Kune

S-04



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

### Analytical Results For:

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

mg/kg

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: ms

Project Location: NONE GIVEN

### Sample ID: SP 1 @ 1' (H210291-02)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. III3					J 07
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.453	0.200	02/08/2021	ND	2.07	104	2.00	1.15	GC-NC1
Toluene*	4.90	0.200	02/08/2021	ND	2.18	109	2.00	2.27	GC-NC1
Ethylbenzene*	3.19	0.200	02/08/2021	ND	2.18	109	2.00	2.96	GC-NC1
Total Xylenes*	15.4	0.600	02/08/2021	ND	6.93	116	6.00	3.78	
Total BTEX	24.0	1.20	02/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	198	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2230	100	02/05/2021	ND	215	108	200	7.12	
DRO >C10-C28*	11400	100	02/05/2021	ND	214	107	200	3.53	
EXT DRO >C28-C36	2440	100	02/05/2021	ND					
Surrogate: 1-Chlorooctane	356	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	472	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NONE GIVEN

### Sample ID: SP 1 @ 2' (H210291-03)

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	02/05/2021	ND	2.07	104	2.00	1.15	
Toluene*	<0.050	0.050	02/05/2021	ND	2.18	109	2.00	2.27	
Ethylbenzene*	< 0.050	0.050	02/05/2021	ND	2.18	109	2.00	2.96	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.93	116	6.00	3.78	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 73.3-12	19						
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	02/05/2021	ND	400	100	400	3.92	
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*	10.2	10.0	02/05/2021	ND	215	108	200	7.12	
DRO >C10-C28*	226	10.0	02/05/2021	ND	214	107	200	3.53	
EXT DRO >C28-C36	41.9	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	80.6	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	94.5	% 42.2-15	6						

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Celey D. Keene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/04/2021 Sampling Date: 02/04/2021

Reported: 02/08/2021 Sampling Type: Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: NONE GIVEN

### Sample ID: SP 1 @ 3' (H210291-04)

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	02/05/2021	ND	2.07	104	2.00	1.15	
Toluene*	<0.050	0.050	02/05/2021	ND	2.18	109	2.00	2.27	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.18	109	2.00	2.96	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.93	116	6.00	3.78	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/05/2021	ND	400	100	400	3.92	
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	02/05/2021	ND	215	108	200	7.12	
DRO >C10-C28*	151	10.0	02/05/2021	ND	214	107	200	3.53	
EXT DRO >C28-C36	28.8	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	78.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.5	% 42.2-15	6						

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Celeg D. Freene

S-04



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

### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: me

Project Location: NONE GIVEN

ma/ka

### Sample ID: SP 1 @ 4' (H210291-05)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	ea By: ms					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2021	ND	2.07	104	2.00	1.15	
Toluene*	0.242	0.050	02/08/2021	ND	2.18	109	2.00	2.27	GC-NC1
Ethylbenzene*	0.246	0.050	02/08/2021	ND	2.18	109	2.00	2.96	GC-NC1
Total Xylenes*	1.31	0.150	02/08/2021	ND	6.93	116	6.00	3.78	
Total BTEX	1.80	0.300	02/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	178	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	163	10.0	02/05/2021	ND	215	108	200	7.12	
DRO >C10-C28*	1390	10.0	02/05/2021	ND	214	107	200	3.53	
EXT DRO >C28-C36	288	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	114	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	164	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/04/2021 Sampling Date: 02/04/2021 Reported: 02/08/2021 Sampling Type: Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: NONE GIVEN

### Sample ID: SP 1 @ 5' (H210291-06)

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	02/05/2021	ND	2.07	104	2.00	1.15	
Toluene*	<0.050	0.050	02/05/2021	ND	2.18	109	2.00	2.27	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.18	109	2.00	2.96	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.93	116	6.00	3.78	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/05/2021	ND	400	100	400	3.92	
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	02/05/2021	ND	215	108	200	7.12	
DRO >C10-C28*	187	10.0	02/05/2021	ND	214	107	200	3.53	
EXT DRO >C28-C36	47.9	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	81.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.8	% 42.2-15	6						

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Celeg D. Freene



Jodi Henson

### Analytical Results For:

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

NONE GIVEN

Received: 02/04/2021 Sampling Date: 02/04/2021 Soil

Reported: 02/08/2021 Sampling Type: Project Name: WP BYRD #2 Sampling Condition: Cool & Intact Sample Received By:

Project Location: NONE GIVEN

### Sample ID: SP 2 @ SURFACE (H210291-07)

Project Number:

BTEX 8021B	mg/	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.219	0.100	02/06/2021	ND	2.07	104	2.00	1.15	GC-NC1
Toluene*	5.93	0.100	02/06/2021	ND	2.18	109	2.00	2.27	GC-NC1
Ethylbenzene*	5.06	0.100	02/06/2021	ND	2.18	109	2.00	2.96	GC-NC1
Total Xylenes*	25.8	0.300	02/06/2021	ND	6.93	116	6.00	3.78	
Total BTEX	37.0	0.600	02/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	189 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2750	100	02/05/2021	ND	216	108	200	6.41	QM-07
DRO >C10-C28*	23600	100	02/05/2021	ND	231	116	200	3.31	QM-07
EXT DRO >C28-C36	4980	100	02/05/2021	ND					
Surrogate: 1-Chlorooctane	349 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	383 9	% 42.2-15	6						

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### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/04/2021 Sampling Date: 02/04/2021

Reported: 02/08/2021 Sampling Type: Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NONE GIVEN

### Sample ID: SP 2 @ 1' (H210291-08)

BTEX 8021B	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.07	0.100	02/06/2021	ND	2.07	104	2.00	1.15	GC-NC1
Toluene*	8.85	0.100	02/06/2021	ND	2.18	109	2.00	2.27	GC-NC1
Ethylbenzene*	4.11	0.100	02/06/2021	ND	2.18	109	2.00	2.96	GC-NC1
Total Xylenes*	17.1	0.300	02/06/2021	ND	6.93	116	6.00	3.78	
Total BTEX	31.2	0.600	02/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	?9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4160	100	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	12300	100	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	3090	100	02/05/2021	ND					
Surrogate: 1-Chlorooctane	272	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	242	% 42.2-15	56						

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S-04



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

### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: me

Project Location: NONE GIVEN

ma/ka

### Sample ID: SP 2 @ 2' (H210291-09)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.88	0.200	02/08/2021	ND	2.07	104	2.00	1.15	GC-NC1
Toluene*	14.3	0.200	02/08/2021	ND	2.18	109	2.00	2.27	GC-NC1
Ethylbenzene*	6.28	0.200	02/08/2021	ND	2.18	109	2.00	2.96	GC-NC1
Total Xylenes*	27.3	0.600	02/08/2021	ND	6.93	116	6.00	3.78	
Total BTEX	49.8	1.20	02/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	207	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5130	50.0	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	13500	50.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	2860	50.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	287	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	239	% 42.2-15	6						

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### Analytical Results For:

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

Received: 02/04/2021 Sampling Date: 02/04/2021 Reported: 02/08/2021 Sampling Type: Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NONE GIVEN

### Sample ID: SP 2 @ 3' (H210291-10)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.711	0.100	02/06/2021	ND	2.07	104	2.00	1.15	GC-NC1
Toluene*	6.67	0.100	02/06/2021	ND	2.18	109	2.00	2.27	GC-NC1
Ethylbenzene*	2.21	0.100	02/06/2021	ND	2.18	109	2.00	2.96	GC-NC1
Total Xylenes*	15.1	0.300	02/06/2021	ND	6.93	116	6.00	3.78	
Total BTEX	24.7	0.600	02/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
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	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2730	50.0	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	7590	50.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	1610	50.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	187	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	161	% 42.2-15	6						

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### Analytical Results For:

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

Received: 02/04/2021
Reported: 02/08/2021
Project Name: WR BYRD #2

Project Name: WP BYRD #2
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 02/04/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

### Sample ID: SP 2 @ 4' (H210291-11)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	02/08/2021	ND	2.13	107	2.00	0.822	GC-NC1
Toluene*	5.24	0.500	02/08/2021	ND	2.09	104	2.00	1.10	GC-NC1
Ethylbenzene*	2.45	0.500	02/08/2021	ND	2.03	102	2.00	1.55	GC-NC1
Total Xylenes*	18.6	1.50	02/08/2021	ND	5.95	99.2	6.00	1.52	
Total BTEX	26.3	3.00	02/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	136	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/05/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5770	50.0	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	15500	50.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	3140	50.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	311	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	254	% 42.2-15	6						

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S-04



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

### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: NONE GIVEN

ma/ka

### Sample ID: SP 2 @ 5' (H210291-12)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2021	ND	2.13	107	2.00	0.822	
Toluene*	0.893	0.050	02/08/2021	ND	2.09	104	2.00	1.10	GC-NC1
Ethylbenzene*	0.987	0.050	02/08/2021	ND	2.03	102	2.00	1.55	GC-NC1
Total Xylenes*	5.21	0.150	02/08/2021	ND	5.95	99.2	6.00	1.52	
Total BTEX	7.09	0.300	02/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	315	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/05/2021	ND	400	100	400	3.92	
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*	531	10.0	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	2330	10.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	503	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	122	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	127	% 42.2-15	6						

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Celeg D. Freene



### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NONE GIVEN

### Sample ID: H 1 (H210291-13)

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	02/05/2021	ND	2.13	107	2.00	0.822	
Toluene*	<0.050	0.050	02/05/2021	ND	2.09	104	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.03	102	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	5.95	99.2	6.00	1.52	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/05/2021	ND	400	100	400	3.92	
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	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	512	10.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	315	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	87.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	117	% 42.2-15	6						

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Celey D. Keine



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/04/2021 Sampling Date: 02/04/2021 Reported: 02/08/2021 Sampling Type: Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact NONE GIVEN Sample Received By: Project Number: Jodi Henson

Project Location: NONE GIVEN

### Sample ID: H 2 (H210291-14)

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	02/05/2021	ND	2.13	107	2.00	0.822	
Toluene*	<0.050	0.050	02/05/2021	ND	2.09	104	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.03	102	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	5.95	99.2	6.00	1.52	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/05/2021	ND	400	100	400	3.92	
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	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	82.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.3	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 02/04/2021
 Sampling Date:
 02/04/2021

 Reported:
 02/08/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: NONE GIVEN

mg/kg

### Sample ID: H 3 (H210291-15)

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	02/05/2021	ND	2.13	107	2.00	0.822	
Toluene*	<0.050	0.050	02/05/2021	ND	2.09	104	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.03	102	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	5.95	99.2	6.00	1.52	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/05/2021	ND	400	100	400	3.92	
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	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	74.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	76.3	% 42.2-15	6						

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

ma/ka

Received: 02/04/2021 Sampling Date: 02/04/2021 Reported: 02/08/2021 Sampling Type: Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact NONE GIVEN Sample Received By: Project Number: Jodi Henson Project Location: NONE GIVEN

Analyzed By: MC

### Sample ID: H 4 (H210291-16)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2021	ND	2.13	107	2.00	0.822	
Toluene*	<0.050	0.050	02/05/2021	ND	2.09	104	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.03	102	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	5.95	99.2	6.00	1.52	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/05/2021	ND	400	100	400	3.92	
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	02/05/2021	ND	216	108	200	6.41	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	116	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					
Surrogate: 1-Chlorooctane	82.1	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	84.5	% 42.2-15	6						

### Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene

S-06



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

### **Notes and Definitions**

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

3-00	matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

		1000							
Company Name:	asachi	Colphanin		BILL TO			ANALYSIS R	REQUEST	
Project Manager:	Brown	loke.		P.O. #:					
Address:	•			Company:					
City:		State:	Zip:	Attn:				_	
Phone #:		Fax #:		Address:			_		
Project #:		Project Owner:	7.	City:					
Project Name:	WA BIRO	#2		State: Zip:					
Project Location: 6	WA BYRD	#2		Phone #:					
Sampler Name:	JETT Grown		,	Fax #:					
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	NG			_	
			RS TER			PH		* ?	
Lab I.D.	Sample I.D.	. <del>D</del>	G)RAB OR (C CONTAINER GROUNDWAT WASTEWATE SOIL DIL SLUDGE	OTHER: ACID/BASE: CE/COOL OTHER:	CL	BIEX EXT. T			
	SP1 @ Su	had	1	2/4/21	1940	4			
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(S)	12 @ 108	*	6		144 N	1			
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PLEASE NOTE: Liability and I	Damages. Cardinal's liability and other hard any other	lient's exclusive remedy for	any claim arising whether based in contra deemed waived unless made in writing in	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 limited to the direct in the client for the applicable to the claim of the province o	d by the client for the or completion of the appli	cable			
service. In no event shall Card affiliates or successors arising	affiliates or successors arising out of or related to the performant	sequental damages, including of services hereunder by	ng without limitation, business interruption Cardinal, regardless of whether such clai	alliajoes, ya kamina inkukung kase ku negugance auk an ya ka kase ana kase ana kase ana kase ana kase ana kase service. In no event shall Cardinal be liable for incidental or consequental demages, including without fimilation, 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.	client, its subsidiaries, asons or otherwise.				
Relinquished By:	7	Date: 2/4/2	ved By:		Phone Result: Fax Result:	☐ Yes ☐ No	Add'I Phone #: Add'I Fax #:		
Relinquished By:	W	Time: 1635	Received By:	rendon	REMARKS:	2	,		
		Time:							
Delivered By: (Circle One)				ition CHECKED BY:					X AL
Sampler - UPS - Bus - Other:	l	270/#113	113 Tyes Tyes	es W			ě		

Page 19 of 20

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(3/3) 333-2320 1 777 (3/4)	(010) 000-2-110			
Company Name: Rouche Corp.	or purceyus	BILL TO	ANALYSIS	REQUEST
Project Manager: Ruce Baken	P.O. #:			
Address:	Company:			
City: State:	te: Zip: Attn:			
Phone #: Fax #:	#: Address:			
Project #: Proj	Project Owner: City:			
Project Name: LIP BYRO #2	State:	Zip:		
Project Location: We Bynd #2	Phone #:			
Sampler Name: JEST Brush	Fax #:	,		
0	MATRIX PRESERV	XV. SAMPLING		
Lab I.D. Sample I.D.	R: BASE: COOL		T. TPH	
H210191	# CO GRO WA SOIL OIL SLU OTH ACI	DATE TIME	13	
12	7		1	
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14 42	<i>C</i> ,	1806		
1 <b>5</b> 1/3	^	1 1508 1	\	
116 114		3/4/81 1810		
**LEASE NOTE: Liability and Damages, Cardinal's liability and client's exclunallyses. All claims including those for negligence and any other cause what envice. In no event shall Cardinals be liable for incidental or consequential datasets or successors arising out of or related to the performance of service.	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 limited to the amount paid by the client for the 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 services thereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ited to the amount paid by the client for the nat within 30 days after completion of the applicat of profits incurred by client, its subsidiaries, of the above stated reasons or otherwise.	ě	-
Relinquished By:	Received By:	Phone Result:	☐ Yes ☐ No Add'I Phone #:	
Relinquished By: Date:	Regional Bundon	REMARKS:	tankark	

Page 20 of 20



February 23, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: WP BYRD #2

Enclosed are the results of analyses for samples received by the laboratory on 02/22/21 11:53.

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 BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240

Fax To: (575) 393-2432

Received: 02/22/2021 Reported: 02/23/2021

Project Name: WP BYRD #2
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 02/22/2021

Sampling Type: Soil

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

### Sample ID: SP 1 @ 7' (H210406-01)

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	02/22/2021	ND	2.06	103	2.00	2.82	QR-03
Toluene*	<0.050	0.050	02/22/2021	ND	2.06	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	02/22/2021	ND	1.99	99.5	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/22/2021	ND	5.78	96.3	6.00	2.49	
Total BTEX	<0.300	0.300	02/22/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	73.3-12	9						
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	02/22/2021	ND	218	109	200	4.26	
DRO >C10-C28*	138	10.0	02/22/2021	ND	216	108	200	7.52	
EXT DRO >C28-C36	22.4	10.0	02/22/2021	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	109 9	% 42.2-15	6						

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### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 02/22/2021
 Sampling Date:
 02/22/2021

 Reported:
 02/23/2021
 Sampling Type:
 Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

### Sample ID: SP 1 @ 9' (H210406-02)

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	02/22/2021	ND	2.06	103	2.00	2.82	
Toluene*	<0.050	0.050	02/22/2021	ND	2.06	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	02/22/2021	ND	1.99	99.5	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/22/2021	ND	5.78	96.3	6.00	2.49	
Total BTEX	<0.300	0.300	02/22/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 73.3-12	9						
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	02/22/2021	ND	218	109	200	4.26	
DRO >C10-C28*	247	10.0	02/22/2021	ND	216	108	200	7.52	
EXT DRO >C28-C36	45.3	10.0	02/22/2021	ND					
Surrogate: 1-Chlorooctane	114 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	126	% 42.2-15	6						

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### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/22/2021 Sampling Date: 02/22/2021

Reported: 02/23/2021 Sampling Type: Soil
Project Name: WP BYRD #2 Sampling Condition: Cool 8

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

### Sample ID: SP 2 @ 7' (H210406-03)

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	02/22/2021	ND	2.06	103	2.00	2.82	
Toluene*	<0.050	0.050	02/22/2021	ND	2.06	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	02/22/2021	ND	1.99	99.5	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/22/2021	ND	5.78	96.3	6.00	2.49	
Total BTEX	<0.300	0.300	02/22/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	73.3-12	9						
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	02/22/2021	ND	218	109	200	4.26	
DRO >C10-C28*	52.9	10.0	02/22/2021	ND	216	108	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/22/2021	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	108 9	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/22/2021

Reported: 02/23/2021
Project Name: WP BYRD #2
Project Number: NONE GIVEN

Project Location: NONE GIVEN

Sampling Date: 02/22/2021

Sampling Type: Soil

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

### Sample ID: SP 2 @ 9' (H210406-04)

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	02/22/2021	ND	2.06	103	2.00	2.82	
Toluene*	<0.050	0.050	02/22/2021	ND	2.06	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	02/22/2021	ND	1.99	99.5	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/22/2021	ND	5.78	96.3	6.00	2.49	
Total BTEX	<0.300	0.300	02/22/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	73.3-12	9						
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	02/22/2021	ND	218	109	200	4.26	
DRO >C10-C28*	189	10.0	02/22/2021	ND	216	108	200	7.52	
EXT DRO >C28-C36	23.8	10.0	02/22/2021	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	112 9	% 42.2-15	6						

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Celeg D. Freene



### Analytical Results For:

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

Received: 02/22/2021 Reported: 02/23/2021

Project Name: WP BYRD #2
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 02/22/2021

Sampling Type: Soil

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

### Sample ID: H 1 (H210406-05)

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	02/22/2021	ND	2.06	103	2.00	2.82	
Toluene*	<0.050	0.050	02/22/2021	ND	2.06	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	02/22/2021	ND	1.99	99.5	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/22/2021	ND	5.78	96.3	6.00	2.49	
Total BTEX	<0.300	0.300	02/22/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2021	ND	416	104	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	02/22/2021	ND	218	109	200	4.26	
DRO >C10-C28*	<10.0	10.0	02/22/2021	ND	216	108	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/22/2021	ND					
Surrogate: 1-Chlorooctane	107	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	109	% 42.2-15	6						

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### **Notes and Definitions**

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene

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Project Name: Wr CYCA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Phone #:	
Project Location: WY Byrd	#1	1	
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FOR LABUSE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	S)RAB OR (C)OMP. CONTAINERS ROUNDWATER WASTEWATER OIL	CELOUGE CONTROL CONTRO	BIEX EXI. TPH CL-
Hallowo 1 501007'	# G GI W SG	18/848 18/848	0805 1 1
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5 H1	C 6	343/21	17.8
PLEASE NOTE: Liability and Damages. Cardinal's liability analyses. All claims including those for negligence and any	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 limited to the amount paid by the client for the placeble notice. I 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 of the applicable analyses. All claims including those for negligence and any other cause whatoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	ntract or tort, shall be limited to the amount paking and received by Cardinal within 30 days after tons, loss of use, or loss of profits incurred by c	by the client for the completion of the applicable completion of the applicable ient, its subsidiarities,
affiliates or successors arising out of or related to the performance.  Relinquished By:	Service. In no event shall usuallar be above for an above some services hereunder by Cardinal, regardless of whether such claim is based upon any of the above services hereunder by Cardinal, regardless of whether such claim is based upon any of the above services hereunder by Cardinal, regardless of whether such claim is based upon any of the above services hereunder by Cardinal, regardless of whether such claim is based upon any of the above services hereunder by Cardinal, regardless of whether such claim is based upon any of the above services.  Received By:	claim is based upon any or the above subscious	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	S.	Sunakou	REMARKS:
Discool But (Circle One)	Time:  Observed Temp. °C 2, 7 Sample Condition	오	Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Delivered By: (Circle One)	7.0	act (Initials)	□ Yes □ Yes □ No □ No



February 25, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

RE: WP BYRD #2

HOBBS, NM 88240

Enclosed are the results of analyses for samples received by the laboratory on 02/24/21 14:32.

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)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/24/2021 Reported: 02/25/2021

Project Name: WP BYRD #2
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 02/24/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

### Sample ID: SP 1 @ 10' (H210453-01)

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	02/24/2021	ND	2.17	108	2.00	5.57	
Toluene*	<0.050	0.050	02/24/2021	ND	2.14	107	2.00	5.94	
Ethylbenzene*	<0.050	0.050	02/24/2021	ND	2.08	104	2.00	6.13	
Total Xylenes*	<0.150	0.150	02/24/2021	ND	6.06	101	6.00	5.53	
Total BTEX	<0.300	0.300	02/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	73.3-12	9						
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	02/24/2021	ND	209	104	200	3.29	
DRO >C10-C28*	341	10.0	02/24/2021	ND	215	107	200	2.37	
EXT DRO >C28-C36	89.5	10.0	02/24/2021	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.3-14	'4						
Surrogate: 1-Chlorooctadecane	119 9	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 02/24/2021 Sampling Date: 02/24/2021

Reported: 02/25/2021 Sampling Type: Soil

Project Name: WP BYRD #2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NONE GIVEN

### Sample ID: SP 2 @ 10' (H210453-02)

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	02/24/2021	ND	2.17	108	2.00	5.57	
Toluene*	<0.050	0.050	02/24/2021	ND	2.14	107	2.00	5.94	
Ethylbenzene*	<0.050	0.050	02/24/2021	ND	2.08	104	2.00	6.13	
Total Xylenes*	<0.150	0.150	02/24/2021	ND	6.06	101	6.00	5.53	
Total BTEX	<0.300	0.300	02/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 73.3-12	9						
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	02/24/2021	ND	209	104	200	3.29	
DRO >C10-C28*	731	10.0	02/24/2021	ND	215	107	200	2.37	
EXT DRO >C28-C36	208	10.0	02/24/2021	ND					
Surrogate: 1-Chlorooctane	105 %	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	116 9	% 42.2-15	6						

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Celey D. Keene



### **Notes and Definitions**

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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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



	(676) 393-2326 FAX (575)	FAX (575) 393-2476					200	24
Company Name:	_	proxim		BILL TO		ANALYSIS	YSIS REQUEST	
Project Manager:	grun bu	KA		P.O. #:				
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- I - Nama	The Robins							
Sampler Name:	JELL DEGRA		MATRIX	ESERV.	SAMPLING			
FOR LAB USE ONLY			R		PH			
Lab I.D.	Sample I.D.		E)RAB OR (C)O CONTAINERS ROUNDWATER WASTEWATER OIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	BTEX EXT. TH			
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PLEASE NOTE: Liability an	d Damages. Cardinal's liability and clien ig those for negligence and any other ca	nt's exclusive remedy for an	y claim arising whether based in controlleremed waived unless made in writing learned imprisers interruption	PLEASE 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 applicable 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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by client, its subsidiaries.	aid by the client for the ter completion of the applicable client, its subsidiaries,			
affiliates or successors arising Relinquished By:	riginal be liable to incocenia or occupying out of or related to the performance of:	Date:	ardinal, regardless of whether such dis Received By:	stall cardinal be liable for induction of the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated readons or verbal Responsion of the performance of the performance of the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated readons or verbal Responsion of the performance of the p	Verbal Result:	No Add'i Please provide En	Add'l Phone #: ide Email address:	
Relinquished By:	- Sugar	Date:	Received By:		REMARKS: Rush	ush Samples		
Delivered By: (Circle One)	7	Observed Temp. °C	2,1 Sample Condition	dition CHECKED BY:	ne:	Standard Rush	Cool Intact  ☐ Yes ☐ Yes	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  ☐ Yes ☐ Yes
Sampler - UPS - Bus - Other:		Corrected Temp. °C	Lyes Yes	Yes	Correction Factor None		□ Nc □ No	Corrected Temp. °C

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 19291

### **CONDITIONS**

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	19291
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By	Condition	Condition Date
ceads	If groundwater is encountered during delineation, a monitor well will be installed and groundwater sample collected for analysis.	6/29/2021
ceads	Additional remediation will be required to meet Table I Closure Criteria in 19.15.29.12 NMAC fot this incident.	6/29/2021