Received by OCD 10/22/2019 2:45:58 PM Received by OCD: 10/22/2019 2:50:33 PM



DAVID FEATHER ENVIRONMENTAL SUPERVISOR DIRECT: (4)2) 818-1615 E-MAIL: DAVID FEATHER @APACHECORP COM

October 22, 2019

Mr. Bradford Billings State of New Mexico Oil Conservation Division 1220 South St Francis Drive Santa Fe, NM 87505

RE: 1RP-1582

Mr. Billings,

In compliance with 19.15.29.15(B) NMAC and the agreement submitted by Apache Corporation on November 8, 2018, Apache Corporation is submitting information related to closure for the release occurring September 18, 2007. Apache is respectfully submitting the closure report based on studies occurring in 2019 that demonstrate the site meeting the requirements of the agency. Unless further information is requested by NMOCD, Apache Corporation considers this release closed.

If there are any questions, please feel free to contact me by telephone at 432-818-1615 or by e-mail at David.Feather@ApacheCorp.com.

Sincerely,

David Feather

Environmental Supervisor

Apache Corporation - Permian Basin Region

Attachment: Closure Report Dated October 21, 2019

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Trinity Oilfield Services & Rentals, LLC





Company: Apache Corporation Address: 2530 W. Marland St., Hobbs, NM 88240 Telephone #: (575) 393-7106
Site Name: WW Weatherly #7 NMOCD Reference#: 1RP-1582
Surface Owner: Deck Estate Mineral Owner: State of New Mexico
Unit Letter: G (SW/NE) Section: 17 Township: 21S Range: 37E County: Lea GPS Coordinates: 32.480073 N103.183023 W
Date/Time of Release: N/A (Abandonment) Type of Release: Crude Oil Produced Water
Volume(s) Released: N/A Volume(s) Recovered: N/A
Closure Criteria for Impacted Soil (mg/kg; See Appendix C, "Closure Criteria Justification"):
Benzene: 10 BTEX: 50 GRO+DRO: 1,000 TPH: ☐ 100 Chloride: ☐ 600
☑ 2,500
Background Information:
On September 18, 2007, Apache Corporation (Apache) notified the New Mexico Oil Conservation Division's (NMOCD) Hobbs District Office of its intent to dismantle the WW Weatherly #7 tank battery and remediate and reclaim the site. Remediation and reclamation of the site took place at some point following submittal of the NMOCD "Release Notification & Corrective Action" form (C-141). However, no extant documentation or work records of such activities could be located. In addition, no records or analytical results from soil sampling could be obtained from Cardinal Laboratories.
On July 25, 2019, Apache requested Trinity Oilfield Services & Rentals, LLC (Trinity), assume remediation activities at the release site.
The NMOCD "Release Notification & Corrective Action" form (C-141) is provided as Appendix A. A "Site Location Map" is provided as Figure 1.

Summary of Field Activities:

On August 21, 2019, representatives of Trinity conducted a sampling event to assess the current state of the site. A hand auger was utilized to advance a series of 5 boreholes (SP-1 through SP-5) in the footprint of the former tank battery to investigate the extent of impacted soil. The boreholes were advanced to total depths of approximately 5 feet below ground surface (bgs). Soil samples were collected at ground surface and 1-foot vertical intervals from each location, and confirmation samples were submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of chloride, total petroleum hydrocarbons (TPH), and/or benzene, toluene, ethylbenzene, and total xylene (BTEX) concentrations using Environmental Protection Agency (EPA) Methods 4500-Cl B, SW 846-8015 Mod, and SW 846-8021B, respectively.

Laboratory analytical results indicated TPH and BTEX constituent concentrations were below the laboratory method detection limit (MDL) in all submitted soil samples, with the exception of sample SP-3 @ 3', which exhibited a TPH concentration of 124 mg/kg. Chloride concentrations ranged from less than the laboratory MDL in soil samples SP-2 @ Surface, SP-2 @ 1', SP-2 @ 2', SP-2 @ 3', SP-3 @ Surface, SP-3 @ 1', SP-4 @ Surface, SP-4 @ 1', SP-5 @ Surface, SP-5 @ 2', SP-5 @ 3', and SP-5 @ 4' to 80.0 mg/kg in soil sample SP-3 @ 5'.

Locations of the auger holes are depicted in Figures 2 and 3, "Sample Location Map" and "Sample Location Map (Historical Aerial)", respectively. Laboratory analytical results are summarized in Table 1, and an analytical report is provided in Appendix D.

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Trinity Oilfield Services & Rentals, LLC





Site Closure Request:

Soil samples collected from the footprint of the former tank battery were analyzed by an NMOCD-approved laboratory, and concentrations of chloride, TPH, and BTEX were below the Closure Criteria listed in Table I of Section 19.15.29.12 of the New Mexico Administrative Code (NMAC) for a site where depth to groundwater is 51 to 100 feet bgs (see Appendix C, "Closure Criteria Justification", for more information). Laboratory analytical results indicate that reclamation activities conducted at the site met the requirements set forth in Section 19.15.29.13.D(1) NMAC. Furthermore, with the exception of portions of an active pipeline right-of-way bisecting the site, vegetation regrowth has met the requirements set forth in Section 19.15.29.13.D(3) NMAC (see photographs in Appendix B). Based on this information, Trinity, on behalf of Apache, hereby requests the NMOCD grant closure to the WW Weatherly #7 tank battery site.

Enclosures:

Figure 1: Site Location Map
Figure 2: Sample Location Map

Figure 3: Sample Location Map (Historical Aerial)

Table 1: Concentrations of Benzene, BTEX, TPH & Chloride in Soil Appendix A: Release Notification & Corrective Action (Form C-141)

Appendix B: Photographs

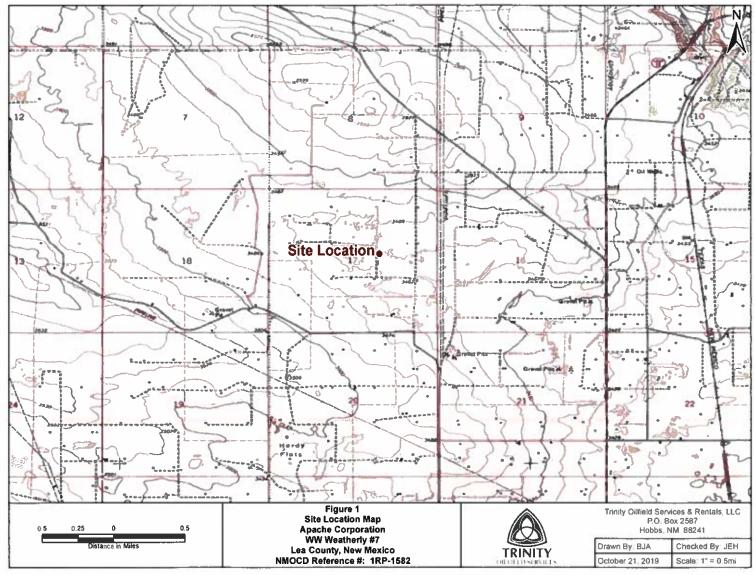
Appendix C: Closure Criteria Justification Appendix D: Laboratory Analytical Results 10/21/2019

Ben J. Arguijo Project Manager

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Figures



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Tables

TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL



APACHE CORPORATION WW WEATHERLY #7 LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: 1RP-1582

				EPA SW-846 Method 8021B					EPA SW-846 Method 8015M				4500-CI B	
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL- BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C12 (mg/kg)	DRO C12-C28 (mg/kg)	GRO+ DRO (mg/kg)	MRO C28-C35 (mg/kg)	TPH C6-C35 (mg/kg)	CHLORIDE (mg/kg)
NMOC	D Closure L	imits (mg/kg)		10	NE	NE	NE	50	NE	NE	1,000	NE	2,500	10,000
SANTENERSON	STORE SON	SESSENT LINE	sk dayrygdd	SERVICE CONTRACTOR	2004 2000		Service of Services	482-4533342	7 7 7 7 7 7	4015F076	EE 17/49	HERMAN	作品电子平	Section 1
SP-1 @ Surface	Surface_	8/21/2019	In-Situ	-				-	(4)	-	-			16.0
SP-1 @ 1'	1'	8/21/2019	In-Silu	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP-1 @ 2'	2'	8/21/2019	In-Situ	-			•	-		-	-	-	-	32.0
SP-1 @ 3'	3'	8/21/2019	In-Situ	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP-1 @ 4'	4'	8/21/2019	In-Situ	-	-	-	-			·	·		-	32.0
SP-1 @ 5'	5'	8/21/2019	In-Situ	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	nenzakana.	1909-1970-278	-11: 12 July 12: 11: 11: 11: 11: 11: 11: 11: 11: 11:	hali mentral la	PANERSKIP .	では、	STREET, C	h 11 - 5	THE STREET	Cultival	3422.7650	DVE of the	#344 PCS	TENNANCE INTO
SP-2 @ Surface	Surface	8/21/2019	In-Şitu			-	-	-				·	-	<16.0
SP-2 @ 1'	1'	8/21/2019	In-Situ	<0.050	<0.050	<0.050	< 0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-2 @ 2'	2'	8/21/2019	In-Situ	-			-	-	-		-	-		<16.0
SP-2 @ 3'	3,	8/21/2019	In-Situ	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-2 @ 4"	4'	8/21/2019	In-Situ	-	· ·	· ·		-	-	-	-	-		16.0
SP-2 @ 5'	5'	8/21/2019	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP-3 @ Surface	Surface	8/21/2019	In-Situ	200 S	12.0/16.0566	MINDEY 2003	Charles de la constant de	MAN PROPERTY.	15 Brandaw	Days Colored	63655866	Marie Printers		<16.0
SP-3 @ 1'	1'	8/21/2019	In-Situ	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-3 @ 2'	2'	8/21/2019	In-Situ	.0.000	-0.000	0.000	-5,.55					1		32.0
SP-3 @ 3'	3,	8/21/2019	In-Situ	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.6	45.6	78.4	124	48.0
SP-3 @ 4	4'	8/21/2019	In-Situ	2	-		-	**			10.0	1		64.0
SP-3 @ 5'	5'	8/21/2019	In-Situ	< 0.050	<0.050	<0.050	< 0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
31 -0 (<u>@</u> 3	and at the rest Care.	0/21/20/10	124 - 30 - 751	NATURE SERVICE	14.000	1517-620-010.03	FERSION SE	MOSSING	10-2 m C 31	216/2009-001	TO BE DOOR	(SH50/788)	.6avdidres	BENEFIT BENEFI
SP-4 @ Surface	Surface	8/21/2019	In-Situ	-					-		-		-	<16.0
SP-4 @ 1'	11	8/21/2019	In-Situ	< 0.050	<0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-4 @ 2'	2'	8/21/2019	In-Situ	(2)	32	1.0	-					1	-	16.0
SP-4 @ 3'	3'	8/21/2019	In-Situ	<0.050	<0.050	<0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP-4 @ 4'	4'	8/21/2019	In-Situ	14	12	7	-	-			· ·	T	-	16.0
SP-4 @ 5'	5'	8/21/2019	In-Situ	<0.050	<0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
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SP-5 @ Surface	Surface	8/21/2019	In-Situ			- 43	-		-		-	-		<16.0
SP-5 @ 1'	1'	8/21/2019	In-Situ	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP-5 @ 2'	2'	8/21/2019	In-Situ	Ow.		-	(-)			1 -	-		-	<16.0
SP-5 @ 3'	3'	8/21/2019	In-Situ	< 0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-5 @ 4'	4'	8/21/2019	In-Situ	52	12	27			•				-	<16.0
SP-5 @ 5'	5	8/21/2019	In-Situ	< 0.050	<0.050	<0.050	< 0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Page 1 of 1

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Appendices

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Appendix A Release Notification & Corrective Action (Form C-141)

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District I

1625 N. French Dr., Hobbs, NM 88240

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Revised October 10, 2003 District II 1301 W. Grand Avenue, Artiesa, NM 88210 Submit 2 Copies to appropraite District III Oil Conservation Division District Office in accordance 1000 Rio Brazos Road, Aztec, NM 87410 1120 South St. Francis Dr. with Rule 116 on back District IV Santa Fe, NM 97505 1220 S. St. Francis Dr., Santa Fe, NM 8750 Relaese Notification and Corrective Action-**OPERATOR** Initial Report Name of Company **Apache Corporation** Contact Guinn Burks P. O. Box 728 432-556-9143 Address Telephone No. Tank Battery Crane, TX 79731 Facility Name Facility Type W000 # eatherly # NM St. 30-25-36658 **Deck Estate** Mineral Owner API# Surface Owner LOCATION OF RELEASE North/South Line Feet from the East/West Line Unit Letter Section Township Range Feet from the G 17 T21S R37E Latitude Longitude NATURE OF RELEASE Type of Release NA Volume of Release Volume Recovered NA Source of Release Date/Hour of Occurrence Na Date /Hour of Discovery Was Immediate Notice Given? If Yes, To Whom? ☐ Yes Not Required Verbal-Larry Johnson 9/18/2007 By Whom? Guinn Burks Date and Hour If YES, Volume Impacting the Watercourse. Was a Watercourse Reached? П ☑ No Yes if a Walercourse was impacted, describe Fully NA Describe Cause of Problem and Remedial Action Taken.* This battery has been taken out of service and will be remediated to NMOCD guidelines. Describe Area Affected and Cleanup Action Taken.* John good, project manager for Elke Environmental has been contracted for the remediation.

State of New Mexico

Energy Minerals and Natural Resources

Signature:	Bu	umn K	Rushs		Oil Conse	ervation Division
Printed Name:		Guinn E	Burks	Approved by the	District Supervisor:	TAILURA
Title:	Permian	Basin Envi	ronmental Tech.	Approval Date	9.19.07	ENVIRONMENTAL ENGINEER Expiration Date: (1-55-51
Email Address:	guinn.t	ourks@usa.a	apachecorp.com	Conditions of Ar		Attached
Date:	9/18/2007	Phone:	432-556-9143			

I herby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

*Attach Additional Sheets if Necessary

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Form C-141

side of form

Final Report

County

Lea

NA

NA

State of New Mexico Oil Conservation Division

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.

What is the shallowest depth to groundwater beneath the area affected by the release?	70-75 (ft bgs
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ✓ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ✓ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	Yes No
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
Data table of soil contaminant concentration data
Depth to water determination
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
Boring or excavation logs
Photographs including date and GIS information
Topographic/Aerial maps
Laboratory data including chain of custody

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.

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State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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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. Bruce Baker Title: Environmental Tech SR. Printed Name:

Bruce Baher Date: 10-22-19

Larry baker Papachecorp com Telephone: 432-Date: 10-22-17
Telephone: 432-631-6982

OCD Only Received by: Date:

State of New Mexico Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

Incident ID	nPAC0726757991
District RP	1RP-1582
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.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Bruce Bakker Title: Fruironmental Tech 5R. Signature: Bruce Bakker Date: 10-22-19 email: Larry bakker apachecorp.com Telephone: 432-631-6982
OCD Only
OCD Only Received by: Date:
Received by:
Received by:
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

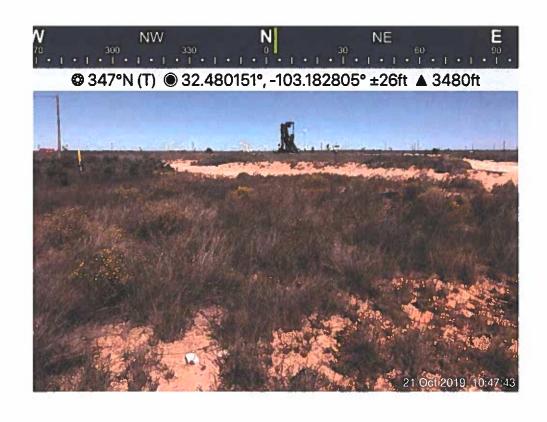
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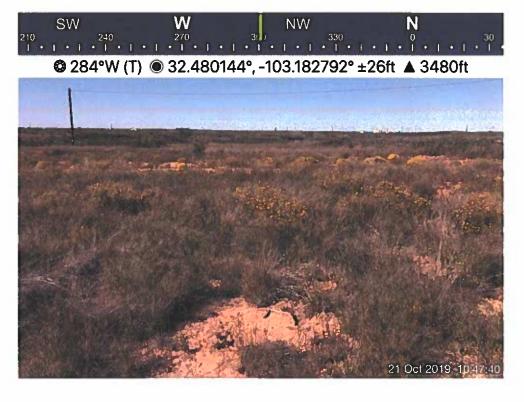
Appendix B Photographs

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Apache Corporation – WW Weatherly #7

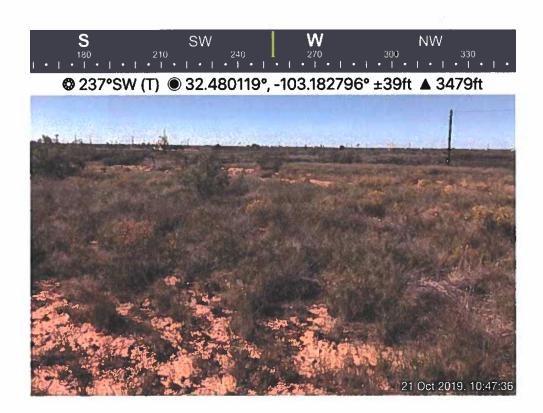
Unit Letter "G" (SW/NE), Section 17, Township 21S, Range 37E





Apache Corporation – WW Weatherly #7

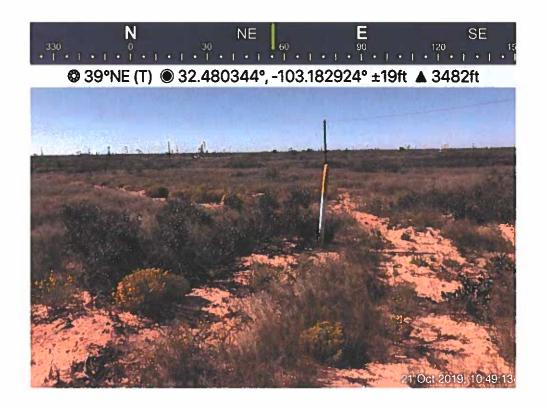
Unit Letter "G" (SW/NE), Section 17, Township 21S, Range 37E





Apache Corporation – WW Weatherly #7

Unit Letter "G" (SW/NE), Section 17, Township 21S, Range 37E



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Appendix C Closure Criteria Justification

TABLE 3 CLOSURE CRITERIA JUSTIFICATION

APACHE CORPORATION WW WEATHERLY #7 LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: 1RP-1582



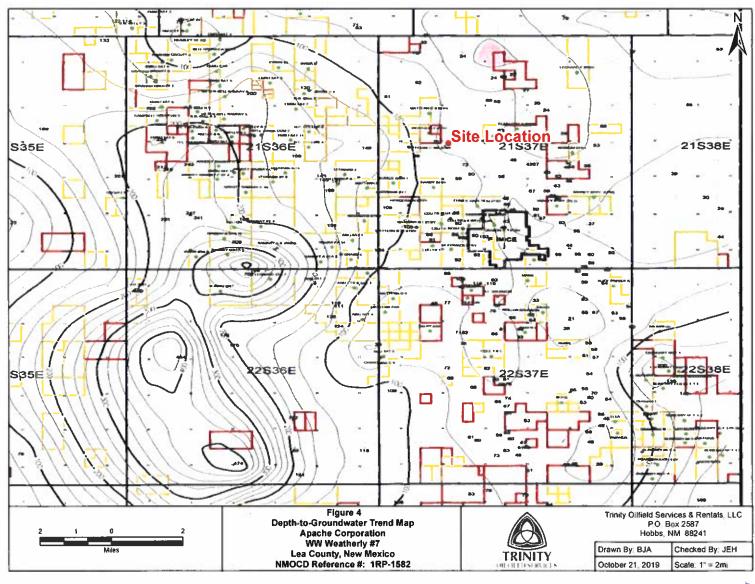
Groundwater, Water Wells & Other Water Sources	THE SPIEGOS
Depth to groundwater (ft)?	70 - 75
Horizontal distance (ft) from all water sources within 0.5 miles?	1,546 - 1,682
Within 500' of a spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No
Within 1000' of any fresh water well or spring?	No
Surface Water	
Horizontal distance (ft) to nearest significant watercourse?	>1,000
Within 300' of any continuously flowing watercourse or any other significant watercourse?	No
Within 200' of any lakebed, sinkhole or playa lake?	No
Human-Occupied, Environmental & Other Areas	
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No
Within 300' of an occupied permanent residence, school, hospital, institution or church?	No
Within 300' of a wetland?	No
Within the area overlying a subsurface mine?	No
Within an unstable area?	No
Within a 100-year floodplain?	No

Closure Criteria (mg/kg)*							
Benzene	BTEX	GRO + DRO	TPH	Chloride			
10	50	1,000	2,500	10,000			

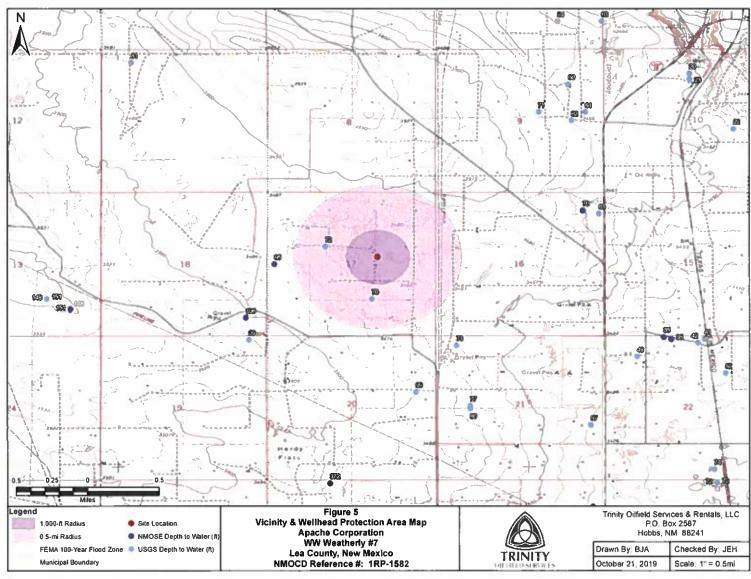
^{*}Numerical limits or natural background level, whichever is greater

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New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 670795.95

Northing (Y): 3595055.17

Radius: 804.67 (0.5 miles)

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, usability, or suitability for any particular purpose of the data.

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New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned,

C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

7.	POD Sub-		0	2 0						4	Donth	Donth	Water
POD Number	Code basin		district.	PARTON		Tws	Rng	x	Y	Distance	Charles and the control of	THE RESERVE AND ADDRESS.	Column
CP 01026 POD1	СР	LE	1	1 3	17	218	37E	669809	3594958 🌑	991	167	95	72
CP 00447 POD1	СР	LE	2	4 4	18	218	37E	669647	3594451*	1298	95		
CP 00448 POD1	СР	LE	2	4 4	18	218	37E	669647	3594451* 🌑	1298	100		
CP 00895	СР	LE		1 1	20	218	37E	669957	3593956* 🌑	1382	163		
CP 00676	СР	LE		4 4	18	215	37E	669548	3594352*	1432	140	106	34

Average Depth to Water:

100 feet

Minimum Depth: 95 feet

Maximum Depth: 1

106 feet

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 670795.95

Northing (Y): 3595055.17

Radius: 1610

(1 miles)

*UTM location was derived from PLSS - see Help

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, usability, or suitability for any particular purpose of the data.

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Released to Imaging: 7/7/2021 2:36:15 PM

Appendix D Laboratory Analytical Reports



August 26, 2019

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: WW WEATHERLY BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/21/19 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited 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.

Celeg & Keene

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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019 WW WEATHERLY BATTERY Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 1 @ SURFACE 32.480073 (H902884-01)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	416	104	400	3.77	

Sample ID: SP - 1 @ 1 -103.183023 (H902884-02)

BTEX 8021B	mg,	mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2019	ND	1.75	87.5	2.00	4.34	
Toluene*	<0.050	0.050	08/22/2019	ND	1.90	95.2	2.00	4.49	
Ethylbenzene*	<0.050	0.050	08/22/2019	ND	2.04	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	08/22/2019	ND	6.06	101	6.00	3.68	
Total BTEX	<0.300	0.300	08/22/2019	ND					

Surrogate:	4-Rromo	Tuorol	henzene	(PIL
July Oguic.	T-DIOINU	I COUNTY IN	CHARLE	12 10

90.2 %

73.3-129

Chloride, SM4500CI-8	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2019	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2019	ND	191	95.4	200	0.661	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	208	104	200	0.658	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					

Surrogate: 1-Chloroactane

86.0 %

41-142

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*=Accredited Analyte

in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for nagligence any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal Webin thirty (30) days after completion of the applicable service. In no event shall Cardinal bit lable including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiances, affiliates or successors arising out of or related to the performance of the services hereunder dawn is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laborationes.

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 34



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name: Project Number: WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Location:

NONE GIVEN NONE GIVEN Sample Received By:

Jodi Henson

Sample ID: SP - 1 @ 1 -103.183023 (H902884-02)

TPH 8015M

mg/kg

Analyzed By: MS

Analyte

Result

Reporting Limit

Method Blank

% Recovery

True Value QC

RPD

Surrogate: 1-Chlorooctadecane

89.5 %

37.6-147

Sample ID: SP - 1 @ 2 (H902884-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyte

Result 32.0

Reporting Limit 16.0

Analyzed

Analyzed

Method Blank

BS

BS

% Recovery 104

True Value QC

RPD

Qualifier

Qualifier

Chloride

08/26/2019

ND

416

400

3.77

Cardinal Laboratories

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 1 @ 3 (H902884-04)

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	08/22/2019	ND	1.75	87.5	2.00	4.34	
Toluene*	<0.050	0.050	08/22/2019	ND	1.90	95.2	2.00	4.49	
Ethylbenzene*	<0.050	0.050	08/22/2019	ND	2.04	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	08/22/2019	ND	6.06	101	6.00	3.68	
Total BTEX	<0.300	0.300	08/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	90.7 % 73.3-129		9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2019	ND	416	104	400	3.77	
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	08/23/2019	ND	191	95.4	200	0.661	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	208	104	200	0.658	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	58.6	% 41-142	?						
Surrogate: 1-Chlorooctadecane	58.6	% 37.6-14	7						

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported: Project Name: 08/26/2019 WW WEATHERLY BATTERY Sampling Type:

Soil Cool & Intact

Project Number:

Sampling Condition: Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

NONE GIVEN

Sample ID: SP - 1 @ 4 (H902884-05)

Chloride, SM4500CI-B

Analyzed By: AC

Analyte

Result Reporting Limit

Method Blank ND

BS

% Recovery True Value QC RPD

Qualifier

Chloride

32.0

16.0

Analyzed 08/26/2019

416

104

400

3.77

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Celey D. Keene, Lab Director/Quality Manager

Page 5 of 34



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN

Sample Received By:

Jodi Henson

Sample ID: SP - 1 @ 5 (H902884-06)

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	08/22/2019	ND	1.75	87.5	2.00	4.34	
Toluene*	<0.050	0.050	08/22/2019	ND	1.90	95.2	2.00	4.49	
Ethylbenzene*	<0.050	0.050	08/22/2019	ND	2.04	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	08/22/2019	ND	6.06	101	6.00	3.68	
Total BTEX	<0.300	0.300	08/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	89.9	% 73.3-12	9						
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	08/26/2019	ND	416	104	400	3.77	
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	08/23/2019	ND	191	95.4	200	0.661	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	208	104	200	0.658	
EXT DRO >C28-C36	< 10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	86.3	% 41-142	?						
Surrogate: 1-Chlorooctadecane	90.2	% 37.6-14	7						

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported: Project Name: 08/26/2019

Sampling Type:

Soil

WW WEATHERLY BATTERY

16.0

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

Project Number: Project Location:

Analyte

NONE GIVEN

NONE GIVEN

Sample ID: SP - 2 @ SURFACE 32.4801996 (H902884-07)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Result Reporting Limit

Analyzed

Method Blank

BŞ

% Recovery True Value QC RPD

Qualifier

Chloride

<16.0

08/26/2019

ND 416 104

400

3.77

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 34



Analytical Results For:

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

Fax To:

(575) 393-2432

Analyzed By: ms

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

ma/ka

Sample ID: SP - 2 @ 1 -103.183051 (H902884-08) BTEX 8021B

BIEX 8021B	ilig/ng		Allalyze	Analyzed by: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2019	ND	1.75	87.5	2.00	4.34	
Toluene*	<0.050	0.050	08/22/2019	ND	1.90	95.2	2.00	4.49	
Ethylbenzene*	< 0.050	0.050	08/22/2019	ND	2.04	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	08/22/2019	ND	6.06	101	6.00	3.68	
Total BTEX	<0.300	0.300	08/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	90.1	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2019	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	08/22/2019	ND	215	108	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	08/22/2019	ND					
Surrogate: 1-Chlorooctane	107	% 41-142	?						
Surrogate: 1-Chlorooctadecane	115	% 37.6-14	17						

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

Sample ID: SP - 2 @ 2 (H902884-09)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyte

Result Reporting Limit

Analyzed

Method Blank ND BŞ

% Recovery True Value QC

RPD

Qualifier

Chloride

<16.0

16.0

08/26/2019

416

104

400

3.77

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Released to Imaging: 7/7/2021





Analytical Results For:

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

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 2 @ 3 (H902884-10)

BTEX 80218	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2019	ND	1.77	88.5	2.00	6.43	
Toluene*	<0.050	0.050	08/23/2019	ND	1.92	95.9	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	2.05	103	2.00	4.68	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	6.10	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIC	91.2	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2019	ND	197	98.3	200	4.83	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	194	96.8	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	104	% 41-142	?						
Surrogate: 1-Chlorooctadecane	110	% 37.6-14	7						

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Received by OCD: 10/22/2019 2::50:33 PM

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 2 @ 4 (H902884-11)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyte

Result Reporting Limit

Analyzed

Method Blank

BS

% Recovery

True Value QC

Qualifier

Chloride

16.0

16.0 08/26/2019 ND

416

104

400

RPD 3.77

Cardinal Laboratories

*=Accredited Analyte

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Page 11 of 34

Received by OCD: 10/22/2019 2:50:33 PM





Analytical Results For:

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

Fax To: (575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

108 %

37.6-147

Sample Received By:

Jodi Henson

Project Number:
Project Location:

NONE GIVEN

Sample ID: SP - 2 @ 5 (H902884-12)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2019	ND	1.77	88.5	2.00	6.43	
Toluene*	<0.050	0.050	08/23/2019	ND	1.92	95.9	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	2.05	103	2.00	4.68	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	6.10	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate 4-Bromofluorobenzene (PIE	91-0	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2019	ND	416	104	400	3.77	
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	08/22/2019	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	08/22/2019	ND	215	108	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	08/22/2019	ND					
Surrogate: 1-Chlorooctane	100	% 41-142	?						

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Surrogate: I-Chlorooctadecane

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN NONE GIVEN Sample Received By:

Jodi Henson

Sample ID: SP - 3 @ SURFACE 32.480082 (H902884-13)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Page 13 of 34

Imaging: 7/7/2021





Analytical Results For:

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

(575) 393-2432 Fax To:

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Cool & Intact

Project Number:

NONE GIVEN

Sampling Condition: Sample Received By:

Jodi Henson

NONE GIVEN Project Location:

Sample ID: SP - 3 @ 1 -103.182824 (H902884-14)

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	08/23/2019	ND	1.77	88.5	2.00	6.43	
Toluene*	<0.050	0.050	08/23/2019	ND	1.92	95.9	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	2.05	103	2.00	4.68	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	6.10	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	92.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	416	104	400	3.77	
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	08/22/2019	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	08/22/2019	ND	215	108	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	08/22/2019	ND					
Surrogate: 1-Chlorooctane	97.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	105	% 37.6-14	7						

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Reporting Limit

16.0

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN

Sample Received By:

Jodi Henson

Sample ID: SP - 3 @ 2 (H902884-15)

Chloride, SM4500CI-8

mg/kg

Analyzed By: AC

,,

Method Blank

BS % Recovery

True Value QC

RPD

Qualifier

Analyte

Chloride

Result 32.0

08/26/2019

Analyzed

ND

432

108

400

0.00

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Page 15 of 34



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 3 @ 3 (H902884-16)

BTEX 8021B	mg/	/kg	Anaiyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2019	ND	1.77	88.5	2.00	6.43	
Toluene*	<0.050	0.050	08/23/2019	ND	1.92	95.9	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	2.05	103	2.00	4.68	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	6.10	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIC	89.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2019	ND	196	98.1	200	4.36	
DRO >C10-C28*	45.6	10.0	08/23/2019	ND	192	96.0	200	4.23	
EXT DRO >C28-C36	78.4	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	106	% 41-142	?						
Surrogate: 1-Chlorooctadecane	115	% 37.6-14	17						

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported: Project Name: 08/26/2019 WW WEATHERLY BATTERY Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Qualifier

Project Location:

NONE GIVEN

Sample ID: SP - 3 @ 4 (H902884-17)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD
Chloride	64.0	16.0	08/26/2019	ND	432	108	400	0.00

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Received by OCD: 10/22/2019 2:50:33 PM

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported: Project Name: 08/26/2019

Sampling Type:

Soil

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 3 @ 5 (H902884-18)

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	08/23/2019	ND	1.77	88.5	2.00	6.43	
Toluene*	<0.050	0.050	08/23/2019	ND	1.92	95.9	2.00	5.38	
Ethylbenzene*	< 0.050	0.050	08/23/2019	ND	2.05	103	2.00	4.68	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	6.10	102	6.00	4.65	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIC	91.09	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/26/2019	ND	432	108	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	08/23/2019	ND	196	98.1	200	4.36	
DRO >C10-C28*	< 10.0	10.0	08/23/2019	ND	192	96.0	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	116%	6 41-142	?						
Surrogate: 1-Chlorooctadecane	123 9	6 37,6-14	17						

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 4 @ SURFACE 32.48007 (H902884-19)

Chloride, SM4500CI-B mg/kg Analyzed By: AC Analyzed Method Blank BS True Value QC RPD Qualifier Result Reporting Limit % Recovery Analyte <16.0 08/26/2019 ND 432 108 400 0.00 Chloride 16.0

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Celey D. Keene, Lab Director/Quality Manager

Page 19 of 34



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Reported:

08/26/2019

Project Name:

WW WEATHERLY BATTERY

Project Number:

NONE GIVEN

Sampling Date:

08/21/2019

Sampling Type:

Soil

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

Project Location:

NONE GIVEN

Sample ID: SP - 4 @ 1 -103.183214 (H902884-20)

BTEX 80218	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	08/23/2019	ND	1.69	84.6	2.00	7.56	
Toluene*	<0.050	0.050	08/23/2019	ND	1.83	91.3	2.00	8.61	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	1.94	97.0	2.00	8.57	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	5.84	97.4	6.00	8.47	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	89.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	432	108	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	08/23/2019	ND	196	98.1	200	4.36	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	192	96.0	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	107 5	6 41-142	•						
Surragate: 1-Chlorooctadecane	1129	6 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager

Page 20 of 34

Released to Imaging: 7/7/2021



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN NONE GIVEN Sample Received By:

Jodi Henson

Sample ID: SP - 4 @ 2 (H902884-21)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyte

Result

Analyzed

Method Blank

BS

% Recovery True Value QC RPD

Qualifier

Chloride

16.0

Reporting Limit 16.0

08/26/2019

ND

432

108

400

0.00

*=Accredited Analyte

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Colony 2 streams

Cardinal Laboratories

Celey D. Keene, Lab Director/Quality Manager

Page 21 of 34





Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 4 @ 3 (H902884-22)

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	08/23/2019	ND	1.69	84.6	2.00	7.56	
Toluene*	<0.050	0.050	08/23/2019	ND	1.83	91.3	2.00	8.61	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	1.94	97.0	2.00	8.57	
Total Xylenes*	< 0.150	0.150	08/23/2019	ND	5.84	97.4	6.00	8.47	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	90.2	% 73.3-12	19						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2019	ND	432	108	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	08/23/2019	ND	196	98.1	200	4.36	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	192	96.0	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	110	% 41-142	?						
Surrogate: 1-Chlorooctadecane	116	% 37.6-14	17						

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Page 22 of 34

Released to Imaging: 7/7/2021



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

NONE GIVEN

Jodi Henson

Sample ID: SP - 4 @ 4 (H902884-23)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2019	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Page 23 of 34



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Reported:

08/26/2019

Project Name:

WW WEATHERLY BATTERY

Project Number: Project Location:

NONE GIVEN

NONE GIVEN

Sampling Date:

08/21/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SP - 4 @ 5 (H902884-24)

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	08/23/2019	ND	1.69	84.6	2.00	7.56	
Toluene*	<0.050	0.050	08/23/2019	ND	1.83	91.3	2.00	8.61	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	1.94	97.0	2.00	8.57	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	5.84	97.4	6.00	8.47	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	90.7	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS				- 12	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2019	ND	196	98.1	200	4.36	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	192	96.0	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	110	% 41-142	?						
Surrogate: 1-Chlorooctadecane	116	37.6-14	7						

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil Cool & Intact

Project Name:

WW WEATHERLY BATTERY

Sampling Condition: Sample Received By:

Jodi Henson

Project Number: Project Location: NONE GIVEN

Sample ID: SP - 5 @ SURFACE 32.48007 (H902884-25)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Citionacy or resource	****		7 11 11 11 1	,,,,,,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	432	108	400	0.00	

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Page 25 of 34

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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:

08/21/2019

08/26/2019

Sampling Date:

08/21/2019

Reported:

WW WEATHERLY BATTERY

Sampling Type:

Soil

Project Name:

NONE GIVEN

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

Project Number: Project Location:

NONE GIVEN

Sample ID: SP - 5 @ 1 -103.183214 (H902884-26)

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	08/23/2019	ND	1.69	84.6	2.00	7.56	
Toluene*	<0.050	0.050	08/23/2019	ND	1.83	91.3	2.00	8.61	
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	1.94	97.0	2.00	8.57	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	5.84	97.4	6.00	8.47	
Total BTEX	<0.300	0.300	08/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIC	91,4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B5	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2019	ND	196	98.1	200	4.36	
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	192	96.0	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND					
Surrogate: 1-Chlorooctane	106 9	% 41-14.	?						
Surrogate: 1-Chlorooctadecane	113 9	% 37.6-1-	17						

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Page 26 of 34

Imaging: 7/7/2021



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name: Project Number: WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Location:

NONE GIVEN NONE GIVEN

Sample Received By:

Jodi Henson

Sample ID: SP - 5 @ 2 (H902884-27)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2019	ND	432	108	400	0.00	

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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:

08/21/2019

Sampling Date:

08/21/2019

Reported:

08/26/2019

Sampling Type:

Soil

Project Name:

WW WEATHERLY BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: SP - 5 @ 3 (H902884-28)

BTEX 8021B	mg/kg	

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2019	ND	1.69	84.6	2.00	7.56	
Toluene*	<0.050	0.050	08/23/2019	ND	1.83	91.3	2.00	8.61	
Ethylbenzene*	< 0.050	0.050	08/23/2019	ND	1.94	97.0	2.00	8.57	
Total Xylenes*	<0.150	0.150	08/23/2019	ND	5.84	97.4	6.00	8.47	
Total BTEX	< 0.300	0.300	08/23/2019	ND					

Surrogate:	4-Bromoj	Nuorobenzen	e (PIL
------------	----------	-------------	--------

929%

Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0 16.0		08/26/2019	ND	432	108	400	0.00		
TPH 8 <u>015M</u>	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	08/23/2019	ND	196	98.1	200	4.36		
DRO >C10-C28*	<10.0	10.0	08/23/2019	ND	192	96.0	200	4.23		
EXT DRO >C28-C36	<10.0	10.0	08/23/2019	ND						

Surrogate: 1-Chlorooctane

106 %

41-142

Surrogate: I-Chlorooctadecane

111%

37.6-147

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Page 28 of 34

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Analytical Results For:

APACHE CORP - HOBBS

BRUCE BAKER

2350 W. MARLAND BLVD.

HOBBS NM, 88240

Fax To:

(575) 393-2432

Received: Reported: 08/21/2019

08/26/2019

Project Name:

WW WEATHERLY BATTERY

Project Number: Project Location: NONE GIVEN **NONE GIVEN**

Sampling Date:

08/21/2019

Sampling Type:

Soil

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

Sample ID: SP - 5 @ 4 (H902884-29)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Qualifier BS True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank % Recovery Chloride 16.0 08/26/2019 ND 432 108 400 0.00 <16.0

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Celey D. Keene, Lab Director/Quality Manager

Page 29 of 34



Analytical Results For:

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

Fax To:

(575) 393-2432

Received: Reported: 08/21/2019

08/26/2019

Project Name:

WW WEATHERLY BATTERY

Project Number:

NONE GIVEN

Sampling Date:

08/21/2019

Sampling Type:

Soil

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

Project Location:

NONE GIVEN

Sample ID: SP - 5 @ 5 (H902884-30)

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	08/23/2019	ND	1.69	84.6	2.00	7.56				
Toluene*	<0.050	0.050	08/23/2019	ND	1.83	91.3	2.00	8.61				
Ethylbenzene*	<0.050	0.050	08/23/2019	ND	1.94	97.0	2.00	8.57				
Total Xylenes*	<0.150	0.150	08/23/2019	ND	5.84	97.4	6.00	8.47	.47			
Total BTEX	<0.300 0.300 08/23/2019 ND											
Surrogate: 4-Bromofluorobenzene (PIC	93.6	% 73.3-12	9									
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride	16.0	16.0	08/26/2019	ND	432	108	400	0.00				
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
GRO C6-C10*	<10.0	10.0	08/23/2019	ND	196	98.1	200	4.36				
DRO >C10-C28*	<10.0	10.0	08/23/2019	08/23/2019 ND 192 96		96.0	200	4.23				
EXT DRO >C28-C36	<10.0 10.0		08/23/2019	ND								
Surrogate: 1-Chlorooctane	102	% 41-142	?									
Surrogate: 1-Chlorooctadecane	107	% 37.6-14	7									

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.									
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.									
QM-07	The spike recovery was outside acceptance imits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.									
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-8 does not require samples be received at or below 6°C									
	Sampler reported on an ac received basis (wet) upless otherwise noted on report									

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101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 Company Name: APACHE CORPORATION BILL TO ANALYSIS REQUEST Project Manager: Bruce Baker P.O. #: Address: Company: City: State: Zip: Attn: Phone #: Fax #: Address Project #: Project Owner: City: Project Name: WW Weatherly Battery State: Zip: Project Location: WW Weatherly Battery Phone #: Sampler Name: Donel Rasio Fax #: FOR LAB USE ONLY PRESERV. SAMPLING (G)RAB OR (C)OMP GROUNDWATER WASTEWATER SOIL # CONTAINERS 西流 OTHER: ACID/BASE: ICE / COOL Lab I.D. Sample I.D. STEX OTHER H902884 TIME DATE SP-1 Surface 32.480073 8/21/19 Sp.1 @1 -103.183023 Sr-1 @2 3 प ड 57-1@3 SP-109 517-185 Sp.2 Surface 32.4801996 F 57-201-103.183051 9 57.200 D 57.203



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Apache corporation						П			BI	LL,	TO	Terret					AN.	ALYS	SIS I	REC	QUES	ST		
Project Manage	r: Bruce Baker							P.O.	#:					Π				П			Т				
Address:								Company:]		}							,			
City:	State:	Zip	:					Attn	i.																
Phone #:	Fax #:							٩dd	ress	:									İ					- 1	
Project #:	Project Owner	:						City	:																
Project Name:	WW Weatherly Battery							Stat	e:		Zip:]											
Project Location	n: WW Weatherly Battery							Pho	ne il	ī											-				
Sampter Name:	n: WW Weatherly Battery Doniel Raster							ах	#:												1				
FOR LASI USE ONLY		1	Г	1_	M	ATRI	X	P	RES	ERV.	S.	AMPLI	NG]						-					
12 13 14 15 16 17	Sample I.D. 57-2@4 57-2@5 57-3 Surface 32-480082 57-3@2 57-3@2 57-3@9 57-3@5 57-4 Surface 32-48007	(G)RAB OR (C)OMP	® CONTAINERS	GROUNDWATER	WASTEWATER	Oll	SLUDGE	OTHER	ACID/BASE.	OTHER	5 2	ATE	TIME	\<<<<<<		Zara									
10	58-4@1103-183214		L	Ц	-						1 67 -	11/19		V	V	/			\perp						
analyses. At claims including service in no event shall or event s	New 76:30	Re	dime	ved unto the reflection to the	By:	in writt mismus or such	ng and none, to chare is	bassed	nd by G ne. or 1 upon i	ersknat v loss of pr	mitrin 30 no its inc u abova	d days after curred by a started re	er completien eft client, its subside	the applicationes. Its It; S:	□ Ye	:s (□ No □ No	Ade	di Pho di Fax	#:					



101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 Company Name: A Pathe Corporation
Project Manager: Bruce Buker BILL TO ANALYSIS REQUEST P.O. #: Company: Address: City: Zip: State: Attn: Phone #: Fax #: Address: Project Owner: City: Project #: Project Name: WW Weatherly Bettery State: Project Location: WW Weatherly Battery Phone #: Fax #: Sampler Name: Divict Rasier SAMPLING FOR LAB USE ONLY G)RAB OR (C)OMP EXT. TPH GROUNDWATER * CONTAINERS MASTEWATER BTEX ACID/BASE. Lab I.D. Sample I.D. SLUDGE OTHER: 21 52402 22 52403 23 52400 24 52 4902884 DATE TIME 8/21/19 SP 5 Surface 32 48007 575@1 -103,183214 St-502 52503 57504 5 - 5@ 5 later in regard including without in regard including without in regardless of when the resurder to Cercinal regardless of when the resurder to Cercinal regardless of when the regardless of the regard Phone Result: Fax Result: REMARKS: Time: Oate: Email to Bruce and Teff

1.4corrected Delivered By: (Circle One) 5.12 1.40//ec/co Coo Intact
Yes Yes
No No

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 2008

CONDITIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	2008
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	7/7/2021