

303 Veterans Airpark Lane Midland, TX 79705

Deferment Request

November 17, 2020

Re: Big Kick Battery API# 30-025-36745 Case # 1RP-5237

On 10/01/2018 a release was discovered due to a nipple corroded on the transfer pump. An initial C-141 was submitted and approved by NMOCD on 10/16/2018. The Big Kick Battery (GPS Coordinates 32.57835 -103.10499) is located south of Hobbs New Mexico in unit letter C section 13 township 20S range 38E. A 2000 meter radius groundwater survey was conducted utilizing the NMOSE web page. According to the NMOSE the average depth of groundwater in the area is 47 feet below ground surface. A fresh water well is within 1,000 feet radius of the release site.

The area inside the secondary containment was excavated to a depth of 6 inches. A remediation plan was submitted and approved by NMOCD on 06/18/2019. The dirt berms utilized as the secondary containment walls were removed and the release area was further excavated an additional foot. After the excavation was complete final 5 point bottom and wall composite samples were collected not to exceed 200 square feet and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Bottom samples B2, B4, B7, and B10 were above chloride values of 600 mg/kg. B10 was excavated an additional 6 inches and another 5 point bottom composite sample was submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. B2, B4, and B7 were not further excavated due to the close proximity to the facility tanks. Wall samples W2, W4, W6, and W 11 were also above table one standards for releases less than 50 feet to groundwater. All the walls were extended laterally and 5 point wall composite samples were collected and submitted to a commercial laboratory. All excavated soil including the berms were disposed of at an NMOCD approved facility. The pad area was backfilled with clean imported caliche and the pad was restored. The pasture area east of the facility was backfilled with clean imported top soil and will be reseeded in consultation with the private surface owner.

Apache Corporation has remediated the majority of the release to table one standards except for B2, B4, and B7. Apache Corporation request deferment of those areas until system abandonment. On 3/20/2020 the OCD denied the deferment request due to B2, B4, and B7 were not delineated to less than 600 mg/kg of chloride. On 4/10/2020 Apache Corporation further delineated B2, B4, and B7 utilizing a hand auger. Samples were collected in one foot intervals and submitted to a commercial laboratory for analysis of chloride.

Apache Corporation has completed the delineation requested by OCD and respectfully request that those areas be deferred until system abandonment.

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

Submitted by;

Bruce Baker

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

State of New Mexico **Oil Conservation Division**

Site Assessment/Characterization

This information must be provided to the appropriate district office na later than 90 days after the release discovery date

What is the shallowest depth to groundwater beneath the area affected by the release?	_ <u>25_</u> (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 V 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.

V, 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 1/2-mile of the lateral extents of the release

V Boring or excavation logs

27 Photographs including date and GIS information

- Topographic/Aerial maps
- $\mathbf{\nabla}$ 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.

orm C-141	State of New Mexico	Incident ID
Page 4	Oil Conservation Division	District RP
		Facility ID
		Application ID
addition, OCD acceptance		threat to groundwater, surface water, human health or the environment. In or of responsibility for compliance with any other federal, state, or local law
and/or regulations. Printed Name: <u>Brue</u> Signature: <u>Brue</u> email: <u>lary.</u>		Title: Environmetutal Tech SR. Date: 1-11-19 Telephone: 432-631-6982

Form C-141

Page 5

Page 5 of 63

State of New Mexico Oil Conservation Division

Remediation Plan Checklist: Each of the following items must be included in the plan.

Detailed description of proposed remediation technique

Incident ID	
District RP	
Facility ID	· · · · ·
Application ID	

Remediation Plan

 Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table I specifications subject to 19.15.29.12(C) Proposed schedule for remediation (note if remediation plan timeline) 	
Deferral Requests Only: Each of the following items must be confirmed	ed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around product deconstruction.	
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health, the	environment, or groundwater.
Signature: Bruce Baher Di	remediate contamination that pose a threat to groundwater, tance of a C-141 report does not relieve the operator of ind/or regulations. itle: <u>Environmental Tech SR.</u> ate: <u>1-11-19</u>
email: <u>larry, baker@apachecorp.com</u> Ti	elephone: 432-631-6992
OCD Only	
Received by: Da	le:
Approved Approved with Attached Conditions of Appr	oval 🗌 Denied 🔲 Deferral Approved
Signature: Dylan Rose-Coss Date	: 06/18/2019

Received by OCD: 11/18/2020 11:03:33 AM State of New Mexico

Oil Conservation Division

Remediation Plan Checklist: Each of the following items must be included in the plan.

Page 6 of 63

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation 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 confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. \checkmark 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 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. Title: Environmental Tech SR. Printed Name: Larry Baker Signature: Larry Baker Date: 11/17/2020 Telephone: 432-631-6982 email: larry.baker@apachecorp.com **OCD Only** Chad Hensley 02/22/2021 Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved had Hend 02/22/2021 Signature Date:

Page 5

Rose-Coss, Dylan H, EMNRD

From:	Rose-Coss, Dylan H, EMNRD
Sent:	Tuesday, June 18, 2019 11:53 AM
То:	'Baker, Larry'
Subject:	RE: Remediation Plan 1RP-5237

Mr. Baker,

Page 7 of 63

Thanks for the update. Please note: if the tanks are staying in place, then ensure that when remediation and final sampling take place, that any contamination that is not removed due to proximity to the tanks is fully delineated. Additionally, if remediation is unable to remove all of the contaminants near the tanks, then a deferral request is required as part of closure.

Otherwise the remediation plan for the Big Kick Battery (1RP-5237) is accepted. However, this determination by the Oil Conservation Division does not relieve Operator of responsibility should future information indicate a threat to ground water, surface water, human health, or the environment. Furthermore, it does not relieve Operator of responsibility for compliance with any federal, state, or local laws and/or regulations. Please notify the OCD 2 days prior to commencing with the final remediation and sampling event.

Regards,

Dylan Rose-Coss

Environmental Scientist Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

(505) 476-3488

From: Baker, Larry <Larry.Baker@apachecorp.com> Sent: Tuesday, June 18, 2019 10:13 AM To: Rose-Coss, Dylan H, EMNRD <DylanH.Rose-Coss@state.nm.us> Subject: [EXT] RE: Remediation Plan 1RP-5237

Mr. Rose-Coss,

The excavation in the vicinity will be hand excavated with the tanks in place. Thanks and have a good day.

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR direct 575-393-7106 ext 1523 | Cell 432-631-6982

APACHE CORPORATION 2350 W. MARLAND BLVD HOBBS , NM 88240

ApacheCorp.com | LinkedIn | Facebook | Twitter | StockTwits | YouTube

Released to Imaging: 2/22/2021 1:19:12 PM

From: Rose-Coss, Dylan H, EMNRD [mailto:DylanH.Rose-Coss@state.nm.us] Sent: Monday, June 17, 2019 2:49 PM To: Baker, Larry <<u>Larry.Baker@apachecorp.com</u>> Subject: [EXTERNAL] RE: Remediation Plan 1RP-5237

Mr. Baker,

The OCD has reviewed the remediation workplan for the release at the Big Kick Battery (1RP-5237). During review the question arose as to what Apache proposes to do with the tank batteries during the site excavation. Will the tanks be moved, or are they to stay in place?

Thanks,

Dylan Rose-Coss

Environmental Scientist Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

(505) 476-3488

From: Baker, Larry <<u>Larry.Baker@apachecorp.com</u>> Sent: Friday, June 14, 2019 8:58 AM To: Rose-Coss, Dylan H, EMNRD <<u>DylanH.Rose-Coss@state.nm.us</u>> Cc: Feather, David <<u>David.Feather@apachecorp.com</u>>; Broom, Jeffrey <<u>Jeffrey.Broom@apachecorp.com</u>> Subject: [EXT] FW: Remediation Plan 1RP-5237

Mr. Rose-Coss,

Received by OCD: 11/18/2020 11:03:33 AM

I am resubmitted this plan for approval. Thanks

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR direct 575-393-7106 ext 1523 | Cell 432-631-6982

APACHE CORPORATION 2350 W. MARLAND BLVD HOBBS , NM 88240 ApacheCorp.com | LinkedIn | Facebook | Twitter | StockTwits | YouTube

<u>Y</u>

Page 9 of 63 Name

I am re-submitting the remediation plan for 1RP-5237 for your review. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR direct 575-393-7106 ext 1523 | Cell 432-631-6982

APACHE CORPORATION 2350 W. MARLAND BLVD HOBBS , NM 88240

ApacheCorp.com | LinkedIn | Facebook | Twitter | StockTwits | YouTube

From: Baker, Larry Sent: Friday, January 11, 2019 2:21 PM To: 'Hernandez, Christina, EMNRD' <<u>Christina.Hernandez@state.nm.us</u>> Cc: Feather, David <<u>David.Feather@apachecorp.com</u>> Subject: Remediation Plan 1RP-5237

Ms. Hernandez,

Attached is the remediation plan for the Big Kick Battery (1RP-5237) for your review. Please let me know if you have any questions or wish to discuss. Thanks and have a good weekend.

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR direct 575-393-7106 ext 1523 | Cell 432-631-6982

APACHE CORPORATION 2350 W. MARLAND BLVD HOBBS , NM 88240 ApacheCorp.com | LinkedIn | Facebook | Twitter | StockTwits | YouTube

WARNING EXTERNAL EMAIL: This email is from an external source. Do not click links or open attachments without positive sender verification of purpose. Never enter Username, Password or sensitive information on linked pages from this email. If you are unsure about the message, please contact the Apache IT ServiceDesk for assistance.

 From: Vacages, Victoria, EMNED Imailto: Victoria. Venegas@state.nm.us]
 Page 10 of 63

 Sent: Friday, March 20, 2020 4:09 PM
 To: Baker, Larry <Larry.Baker@apachecorp.com>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD

 <mike.bratcher@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>
 Subject: [EXTERNAL] NOY1828944685 APACHE BIG KICK BATTERY @ 30-025-36745

NOY1828944685 APACHE BIG KICK BATTERY @ 30-025-36745

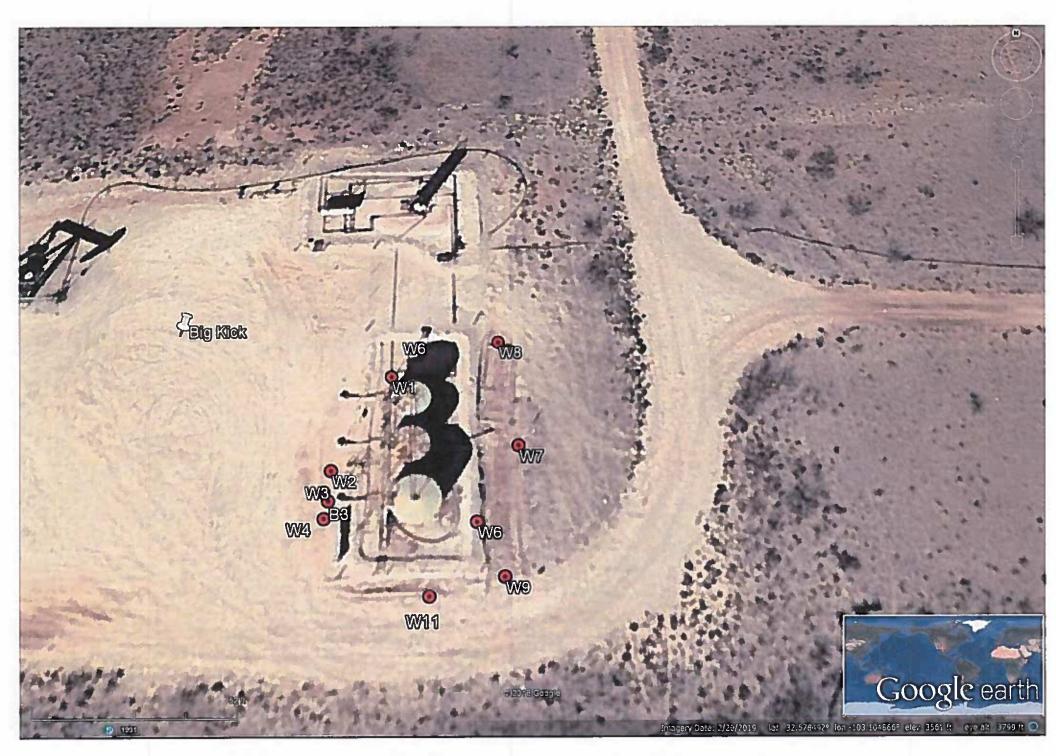
Mr. Baker,

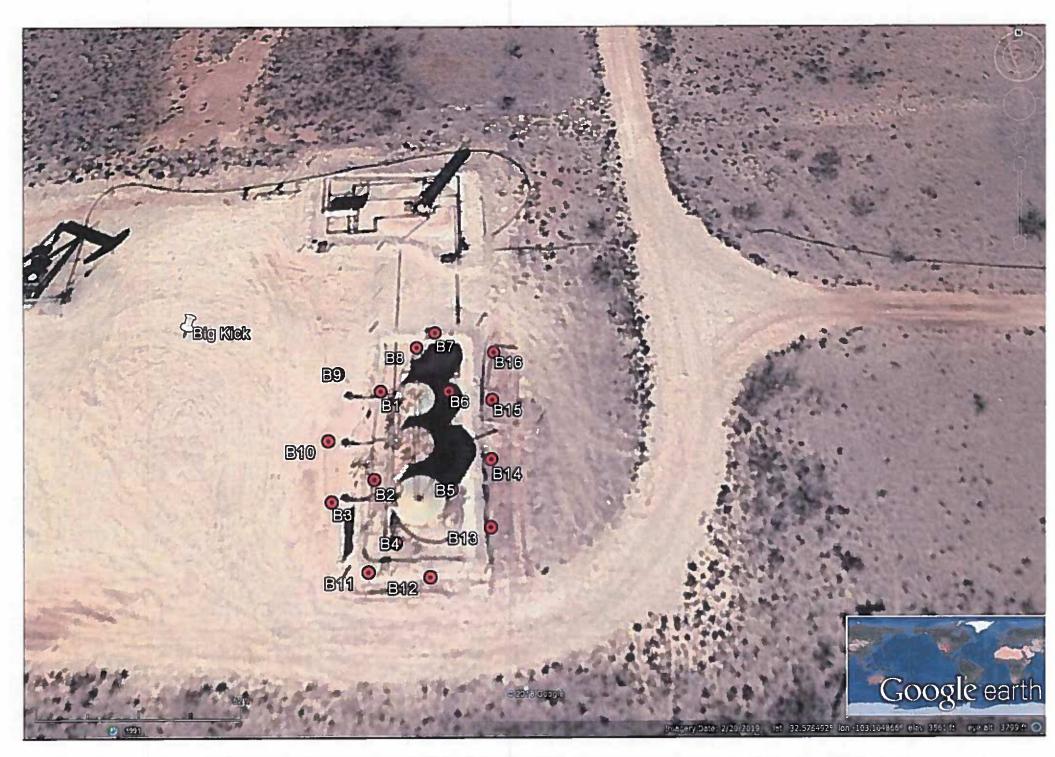
The OCD has denied the submitted Deferment Request for incident # NOY1828944685 APACHE BIG KICK BATTERY @ 30-025-36745 for the following reasons:

• Sample points B2@1', B4@1' and B7@1'must be vertically delineated to 600 mg / kg for chlorides before requesting a deferral.

The Denied C-141 can be found in the online image file. Please review and make the required correction prior to resubmitting through the fee portal. Thank you,

Victoria Venegas State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 748-1283 Victoria.Venegas@state.nm.us . Released to Imaging: 2/22/2021 1:19:12 PM





Floor Samples

Map ID	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total	GRO	DRO	EXT DRO	GPS Coordinates
							Xylenes	BTEX				
B1	B1	1'	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784820, -103.1052240
B2	B2	1'	880	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.6	11.3	32.5783850, -103.1050570
		2'	592									
		3'	64									
B3	B3	1'	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783480, -103.1049410
B4	B4	1'	1390	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783480, -103.1049410
		2'	96									
		3'	48									
B5	B5	1'	512	<0.050	<0.050	<0.050	<0.150	<0.300	11.1	17.1	<10.0	32.5784170, -103.1049430
B6	B6	1'	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785050, -103.1049339
B7	B7	1'	784	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785260, -103.1049770
		2'	96									
B8	B8	1'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785120, -103.1049810
B9	B9	1'	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784960, -103.1050644
B10	BH 1-0	1'	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784485, -103.1050630
B11	B11	1'	448	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783075, -103.1049993
B12	B12	1'	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5782990, -103.1049363
B13	B13	1'	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783626, -103.1049030
B14	B14	1'	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783626, -103.1049190
B15	B15	1'	384	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784728, -103.1048991
B16	B16	1'	576	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.1	<10.0	32.5785126, -103.1049001

Wall Samples

Map ID	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total	GRO	DRO	EXT DRO GPS Coordinates	
							Xylenes	BTEX				
W1	W1	1'	208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.2	<10.0	32.5783321, -103.1049668
W2	Wall 2-1'	1'	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784100, -103.1050603
W3	W3	1'	192	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783906, -103.1050640
W4	Wall 4-1'	1'	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783725, -103.1050620
W5	W5	1'	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785228, -103.1049806
W6	Wall 6-1'	1'	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783626, -103.1049190
W7	W7	1'	336	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.1	<10.0	32.578350, -103.1048360
W8	W8	1'	480	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.9	<10.0	32.5785240, -103.1040660
W9	W9	1'	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.1	<10.0	32.8783280, -103.10409000
W11	WaLL 11-1'	1'	336	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783075, -103.1049563



April 14, 2020

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

RE: BIG KICK #1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/13/20 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	04/13/2020	Sampling Date:	04/10/2020
Reported:	04/14/2020	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B7 @ 2' (H001067-01)

Chloride, SM4500Cl-B mg/kg		Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/13/2020	ND	416	104	400	0.00	

Sample ID: B4 @ 2' (H001067-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/13/2020	ND	416	104	400	0.00	

Sample ID: B2 @ 2' (H001067-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	04/13/2020	ND	416	104	400	0.00	

Sample ID: B2 @ 3' (H001067-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/13/2020	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim 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 Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	04/13/2020	Sampling Date:	04/10/2020
Reported:	04/14/2020	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B4 @ 3' (H001067-05)

Chloride, SM4500Cl-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	04/13/2020	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, whother business interruptors, loss of use, or loss of profits incurred by client, its subsidiaries, afflicate or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim 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 Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 18 of 63 Page 5 of 5 CARDINAL aboratories

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinguished By:	Relinquished By: 505e Lucia	Lab I.D. Hoolole7 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	FOR LAB USE ONLY
Circle One) Bus - Other:	V:	fuebel	Samp 8702' 8402' 8202' 8202' 8202' 8202' 8203'	
Observed Temp. °C	Date: Time:	Sose Lucich Time gos MUMMA Mala	Sample I.D.	
ĝ.	R	Re	アカアンシ (G)RAB OR (C)OMP.	
∞	Received By:	Received By:	CONTAINERS	_
0 (0	ed	a lea	GROUNDWATER	
Sample Condition Cool Intact Tes Tes No No	By:	By:	WASTEWATER	N
nple C ol Ir Yes		12	SOIL	MAIRIX
e Conditio Intact ss ☐ Yes o ☐ No		x	OIL	X
lition No		70	SLUDGE OTHER :	
· 3		A	ACID/BASE:	7
A 0		(B		NIC V
に司		1B	OTHER :	PRESERV.
CHECKED BY: (Initials)	C	and	DATE 4/10 4/10 4/10 4/10 4/10 4/10	SAMPLING
Turnaround Time: Thermometer ID #97 Correction Factor + 0.4 °C	REMARKS:	Verbal Result: All Results are	TIME 12:34 12:45 12:45 12:45	LING
d Tim actor	(11)	e ft	= 11	
ne: #97 : + 0,	he?	emai		
4°C	1	□ Yes nailed.		
Standard Rush	Mos / Rus 45	Yes No Add'I Pho emailed. Please provide Email a		
		Vide		-
	-	Add'l Pho ide Email a		

(575) 393-2326 FAX (575) 393-2476	75) 393-2476			
Company Name: A Deche		BILL TO	ANALYSIS	REQUEST
Project Manager: JLD Bred w	1	P.O. #:		
Address:		Company:		
city: Hobbs si	State NUM Zip: 88240	Attn:		
Phone #: Fa:	Fax #:	Address:		
	Project Owner:	City:		
Project Name:		State: Zip:		
Project Location: Big Kick Bat	Lev #1	Phone #:		
Sampler Name: Jose Craeder	2	Fax #:		
FOR LAB USE ONLY	D. MATRIX	PRESERV. SAMPLING	ING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE		
1 8702'	1	1 4/10	12:34 1	
2 8402	6 (1 4/16	1 Chit	
5 6202'	67 ((all 1	1 22.21	
4 3203	6111	1 4/10	12,47 1	
5 3403'		(4/10	12:45	
LEASE NOTE: Liability and Lamages. Caronal's lability and clients exclusive timelor (i avair a linking winter) couries or inclusion or interview or use announce or use 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 comount involve ungest interruptions, loss of uses of profits incurred by client, its subsidiarities, and the services in the services because of services hereunder by Cardinal. Teachards of whether such claim is based upon any of the above stated reasons or otherwise.	cluster tentery for any variant arising writering usesce in contract, or this, small we minuted use anothing how synce version for the a whatsoever shall be deemed writer unless made in writing and received by Cardinal within 30 days after completion of the a I damages, including control implying the mass interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, i damages, including control implying the mass interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, i des heregrider by Cardinal, reputers, or whether such claim is based upon any of the above stated reasons or otherwise.	or tori, small be initiated to the annount party received by Cardinal within 30 days after or oss of use, or loss of profits incurred by clift s based upon any of the above stated reas	y in examination for the applicable completion of the applicable ant, its subsidiarities, ants or otherwise.	
Relinquished By: Jose Julian Ti	Time 20 Received By:	Charles Martin	Verbal Result:	'6'SS:
Relinquished By:	Date: Received By: Time:		1) Rus 45	
Delivered By: (Circle One) Observ	g.g.	CHECKED BY: (Initials)	Standard	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other: Correc	Corrected Temp. °C	Yes.	Correction Factor + 0.4 °C	_ Yes Yes No No Corrected Temp. ℃



September 03, 2019

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

RE: BIG KICK #1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/26/19 14:18.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Received by OCD: 11/18/2020 11:03:33 AM

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 1 32.5784820-103.1052240 (H902936-01)

BTEX 80218	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1,77	88.6	2.00	5.48	
Toluene*	< 0.050	0.050	08/28/2019	ND	1.95	97.5	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	2.09	105	2.00	4.00	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	6.27	104	6.00	3.52	
Total BTEX	<0.300	0.300	08/28/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE 87.0 % 73.3-129

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	320	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	218	109	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	22 9	114	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	97.1	%							
Surrogate: 1-Chlorooctadecane	110 \$	37.6-14	7						

Page 20 of 63

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's Bablity and client's exclusive remetly for any claim ansing, whither based in contract or tort, shall be limited to the amount paid by chient for analyses. All claims, including those for negligence and any other close whitspeeve shall be deemed wered unless made in writing and received by claims, actuating strates completion of the applicable serves. In no event shall claims be labele for incidental or consequential damages, including, writing, limitation, business interruptions, loss of profits incurred by clent, its subliadence, stillater a success heread were shall be interruptions, loss of profits incurred by clent, its subliadence, stillater a success latername to the serves hereander by clent, its applicable server, and latername to the serves hereander by clent of an advector success and go on of or initiated to the performance of the serves hereander by clent, its applicables exprodued except in full with writen approval of Cardinal laboratomes.

Cologit trans-

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 2 32.5783850-103.1050570 (H902936-02)

<10.0

33.6

11.3

97.8 %

113%

10.0

10.0

10.0

41-142

37.6-147

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.77	88.6	2.00	5.48	
Toluene*	<0.050	0.050	08/28/2019	NÐ	1.95	97.5	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	2.09	105	2.00	4.00	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	6.27	104	6.00	3.52	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	85.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

ND

ND

218

229

109

114

08/28/2019

08/28/2019

08/28/2019

Cardinal Laboratories

GRO C6-C10*

DRO >C10-C28*

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane Surrogate: 1-Chlorooctadecane

PLEASE NOTE: Liablely and Damages. Cardinal's labelity and intent's accluative remedy for any claim ansing, whether based in contract or tork, shall be lambed to the amount paid by cleint for analyses. All claims, including these for negligence and any other cause whistoever shall be deemed waved unless made in writing and received by claims, including these for negligence and including, whost bindubor, busies interruptions, liss of use, or bas of profits mounted by cleint, fits subsidiaries, afflicted above. This report shall not be reported to the period. In the other to the services hersands in claims, regardless of whether such claims based upon any of the above stated materials claims related relative field above. This report shall not be reported of Cardinal Laboritories.

Cologi theme-

Celey D. Keene, Lab Director/Quality Manager

5.82

7,12

200

200

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 3 32.5783480-103.1049410 (H902936-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	83.2 5	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	218	109	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	229	114	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate 1-Chlorooctane	103 5	6 41-142	?						
Surrogate: 1-Chlorooctadecane	1169	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Labelity and Damages. Cardinal's labelity and client's exclusive remedy for any claim arising, whether based in contract or ton't, shall be lended to the amount paid by client for analyses. All claims, including those for negligence and any other cause wholesever shall be deemed versed unless made in writing and ricerved by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be labele for incidental domages, including, without lembloon, business interruptions, loss of user, or loss of profits incurred by client, fas ubendances, afflates or succession's anising out of or instead to the performance of the services hereunder by Clientinal, regardless of whether such clients based upon any of the standes stater researce only to the samples later field interfield above. This report shall not be reproduced ecopies in the approval of Claimal Laborations.

Colorg 2 trans

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 4 32.5783480-103.1049410 (H902936-04)

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	103 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	08/28/2019	ND	218	109	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/28/2019	ND	229	114	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	97,1	% 41-142	?						
Surrogate: 1-Chlorooctadecane	1113	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Candinal's hability and obstril exclusive remety for any dawn ensing, whether based in contract or tort, shall be lanced to the amount paid by client for analyses. All claims, including those for negligence and any other class whetpower shall be deemed waved unless made in writing and incomvid by claims, and accented by claims and encounted by claims. In no event shall Cardinal be habite for incodentat or consequential damages, including, wethow, limitetion, business intermy band, and and incomvid by claims, attended by a share completion of the applicable service. In no event shall cardinal be habite for incodentat or consequential damages, including, wethow, limitetion, business intermy band, and and incomvid by cleart, its subsidiance, affiliate or succession arring out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims 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 encysts in full with written approval of Cardinal Laborationes.

Colorg theman

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 5 32.5784170-103.1049430 (H902936-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS				2.1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5,86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 5	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	195	97.6	200	0.686	
DRO >C10-C28*	11.1	10.0	08/29/2019	NÐ	199	99.3	200	4.30	
EXT DRO >C28-C36	17.1	10.0	08/29/2019	ND					
Surrogate 1-Chlorooctane	76.9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	82.2	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liabitity and Damages. Candinal's Bablity and chemit's exclusive remedy for any claim anising, whether based in contract or tort, shall be limited to the amount paid by clent for analyses. All claims, including those for negligence and any other oxide whitesomer shall be ideemed weived unless made in writing and incoved by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be Bable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurved by cleent, da subeidanes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such clarm 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 Labor

Colog 2 trans

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 6 32.5785050-103.10493390 (H902936-06)

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	104 5	% 73 3-12	9						
Chioride, SM4500Cl-B	mg/	kg	Analyzed By: CK						-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	195	97.6	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	74.9	% 41-142	Là.						1000 A.0.1
Surrogate: 1-Chlorooctadecane	79.3	% 37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Labelity and Damages. Cardinal's labelity and client's enclusive remedy for any dam ansing, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other clause whateories that be deemad waves unless made in writing and received by client, is a solution of the applicable service. In no event shall Cardinal be labelit for incidential or consequential damages, including, without instances, business interruptions, loss of use, or loss of profits incurred by client, is subscheres, affiliates or successions around go out of or related to the performance of the services herpunder by Cardinal, regardless of whether bush claims based upon any of the above stated reasons or otherwas. Results retite only to the samples claimful admonted to inflation or them any of the services.

Colorg 2. Arena-

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 7 32.5785260-103.1049770 (H902936-07)

<10.0

<10.0

70.4 %

10.0

10.0

41-142

37 6-147

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	NÐ	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	104 9	% 73 3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	195	97.6	200	0.686	

ND

ND

199

99.3

200

4.30

08/29/2019

08/29/2019

Cardinal Laboratories

DRO >C10-C28*

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

PLEASE NOTE: Liability and Damages. Cardinal's Bablity and client's exclusive remedy for any dam ansing, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatpower shall be deemed waved unless make in writing and inscerved by claims, including those for incidental damages, including, without **bimeteon**, business interruptions, loss of loss of loss of profits incidental by client, its sublicatives, antibilities or successors anality of or instants or other servers between the servers hereinder by Cardinal, regardless of whether buch claims based upon any of the biotive stander statistics or otherwise. Results relate only to the samples inclusion, business.

Clazi trina-

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 8 32.5785120-103.1049810 (H902936-08)

BTEX 8021B	mg/	mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468
Total BTEX	<0.300	0.300	08/28/2019	ND				

Surrogate: 4-Bromofluorobenzene (PIE 104 % 73.3-129

Chloride, SM4500CI-8	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2019	ND	195	97.6	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/29/2019	ND	199	99.3	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	08/29/2019	ND					
Surrogate: 1-Chlorooctane	78.1	% 41-142	2						
Surrogate: 1-Chlorooctadecane	86.1	% 37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Underly and Damages. Cerdinal's leading and client's exclusive remetly for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cases whatsource shall be learned wered unless made in writing and recoved by Cardeal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be leable for incidental or consequential damages, including, without and applicable services. In no event shall Cardinal to leable for incidental or consequential damages, including, without and applicable services. In no event shall Cardinal be leable for incidental or consequential damages, including, without and applicable services. In no event shall Cardinal be leable for incidental or consequential damages, including, without any of the above statest 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 Laborestores.

Colorgi trena -

Celey D. Keene, Lab Director/Quality Manager

Page 9 of 28

*=Accredited Analyte

Qualifier



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 1 32.5783321-103.1049668 (H902936-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	105 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	34.2	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	68.1	% 41-143	8 *						
Surrogate: 1-Chlorooctadecane	72.9	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liabéhy and Damages. Cardinal's Babléty and icitent's exclusive remedy for any claim arising, whether based in contract or tort, shall be lented to the amount paid by cleint for analyses. All claims, including those for negligence and any other cause whatsomer shall be deemed waived unless made in writing and network by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be labble for enderstal or consequential damages, including, without lamisloon, business interruptions, loss of use, or loss of profits incurred by cleint, its subsidianes, atfliates or successors arising out of or related to the performance of the services hersunder by Cardinal, regardless of whether such claim is based upon 4My of the above stated reasons or cohervies, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laborstowes.

Colorg 2 strene -

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 2 32.5784100-103.1050603 (H902936-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	102 9	% 73 3-12	9						
Chloride, SM4500Cl-8	mg/	ikg	Analyze	Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1740	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	ikg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/201 9	ND					
Surrogate: 1-Chlorooctane	67.5	% +1-1+2	?						
Surrogate: 1-Chlorooctadecane	73.3	% 37.6-14	7						

Cardinal Laboratories

PLEASE MOTE: Labelity and Damages. Cardinal's Rabitity and cheric's enclusive remedy for any dam ansing, whether based in contrast or tort, shall be limited to the anount paid by client for analyses. All clients, including those for negligence and any other cause whistoever shall be deemed weived unless made in wrong and received by client (a cardinal worth methy [30] days after completion of the applicable service. In no event shall be lable for inclined in consequential damages, including, webout limitation, business interruptions, loss of use, or loss of profits incurred by client, its aubidianes, affiliates or successors around jour of the applicable service. In the element of the services hereunder by Clarahal, regardless of whether truth client is based upon any of the above stated materias or charves. Results relate why to the samples terificable. This reproduced eception call is cardinal automations.

Classit trans-

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 3 32.5783906-103.1050640 (H902936-11)

BTEX 8021B	mg/	lkg	Anaiyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	105 9	% 73.3-12	9						
Chloride, SM4500Ci-B	mg/	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	82.0	% 41-143	5						
Surrogate: 1-Chlorooctadecane	92.3	% 37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Labeley and Damages. Cardinal's labeley and cleant's evolutive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by cleant for analyses. All claims, including those for negligencia and any other ckies whatsoever shall be deemed valved unless made in writing and received by Cardinal writin there (196) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential dam including, writing, writing, writing, writing, writing, and received by clean, na avoidanes, afflastes or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of writing claim is based upon any of the above stated reasons or otherwise. Results relate only to the samp This report shall not be reproduced except in full with written approval of Candinal Laboratories.

Colorg 2 trans

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 4 32.5783725-103.1050620 (H902936-12)

<10.0

<10.0

<10.0

73.2 %

81.4%

10.0

10.0

10.0

41-142

37.6-147

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	NÐ	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

ND

ND

190

183

95.0

91.7

08/31/2019

08/31/2019

08/31/2019

Cardinal Laboratories

GRO C6-C10*

DRO >C10-C28*

EXT DR0 >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

PLEASE NOTE: Labeling and Damages. Cardinal's Babling and chemit's exclusive remedy for any dam ansing, whether based in contract or tort, shall be lambed to the amount paid by chemit for analyses. All claims, including those for negligence and any other cluse whispener shall be deemed waved unless made in writing and excerved by Cardinal within timury (30) days after completion of the applicable serves. In no event shall Cardinal be labele for incidential or consequential damages, including, writing, implemon, loss of use, or loss of profits incurred by client, its autovalences, affiliates or successions arising out of or related to the approximatic of the services hereunder by Cardinal, regardless of whether such claims based upon any of the above stated relations or otherwee. Results relate only to the samples information of the samples including and or or related to the approximation of the samples inclusions.

Colorg There

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte

0.234

3.75

200

200



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Analyte	mg/	kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	1049	% 73.3-12	9						
Chloride, 5M4500Cl-B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	176	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifi
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					

Surrogate I-Chlorooctane 83 4 % 41-142 89.6% 37.6-147 Surrogate: 1-Chlorooctadecane

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remety for any All clasms, including those for negligence and based in contract or tort, shall be limited to the amount paid by client for analyses. any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (36) days after completion of the applicable service. In no event shall including, webout instance, business interruptions, loss of use, or loss of profits incurred by client, its subsclames, affiliates or successors arising out of or related to the performance of the In no event shall Cardinal be hable services hereunder by Cardnal, regardless of claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identify eport shall not be reproduced except in full v I of Cardinal Lal

Colog 2 trens

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 9 32.5784960-103.1050644 (H902936-14)

BTEX 80218	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate 4-Bromofluorobenzene (PIE	105 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	74.8	41-142							
Surrogate: 1-Chlorooctadecane	81.69	37.6-14	7						

Page 33 of 63

Cardinal Laboratories

PLEASE NOTE: Liablety and Damages. Cardinal's bablety and chemit's endowner remedy for any darm ansing, whether based in contract or tort, shall be limited to the amount paid by chemit for analyses. All claims, including those for negligence and any other claus wheteover shall be deemed waved unless made in writing and received by claims, including those for incidental damages, including, without limitation, business interruptions, low of use, or loads of profits incurred by claims, it is autoextained, antibiates or lancessors arising but of or related to the epiformance of the services hereunder by Cardinal, regardless of whether bush claims to based upon any of the service stated researces or otherwes. Results related only to the samples testing claims.

Cologi trans-

Celey D. Keene, Lab Director/Quality Manager

Page 15 of 28



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 10 32.5784485-103.1050630 (H902936-15)

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	104	% 73 3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg;	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	17.6	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	75.8	% 41-14.	2						
Surrogate: 1-Chlorooctadecane	85.4	% 37.6-14	7						

Cardinal Laboratories

PLEXE NOTE: Liability and Damages. Eardinal's lability and client's enclusive remeaty for any dam ansing, whether based in contrast or tort, shall be lamked to the amount plad by client for analyses. All clients, including those for negligence and any other cause whitscover shall be deemed wered unless media in writing and received by Client for analyses. In no event shall be lability for any dam ansing, whether based in contrast or tort, shall be lamked to the approximate that Cardinal be lability of or instead including, whomas instances instances in the samples in any of the samples instance of the samples in contained to the performance of the services hereunder by Cardinal, regardless of whether buch claim is based upon any of the store stored stated response to the services hereunder by Cardinal, regardless of whether buch

Colleg 2. trans-

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 11 32.5783075-103.1049993 (H902936-16)

8TEX 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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					1.1
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	75.5	% 41-142	?						
Surrogate: 1-Chlorooctadecane	82.0	% 37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Candidate liability and client's enclusive rememby for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All clients, including those for neglegence and any other cause whistoever shall be deemed minimed unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable servers. In no event shall Cardinal bit able for incidences of use, or loss of profits nourised within the shall be imported by deem, for substances, all taken is used and or related to the performance of the servers hereunder by Cardinal, regardless of whether bush claims to based upon **any of the store stored stored profits** nourised by deemt, for substances, all all not be reproduced except in full with written approval of Cardinal Laborationes.

Colog 2 trans-

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 12 32.5782990-103.1049363 (H902936-17)

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	NÐ	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	104 5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	81.0	% -11-142	2						
Surrogate: 1-Chlorooctadecane	88.2	% 37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liabdey and Damages. Cardinal's labdety and cleant's eschaive ramedy for any dam ansing, whether based in contract or tort, shall be instand to the amount paid by cleant for analyses. All claims, including those for negligence and any other cause whitespever shall be deemed waved unless made in writing and received by Cardinal within thirty (20) days after completion of the applicable service. In no event shall Cardinal be labte for incidential or consequential damages, including, webout amotoon, business interruptions, fots of use, or loss of profits mourned by cleant, its subsidianes, affiliates or successors aroing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples deembed above. This report shall not be reproduced except in full with written approval of Cardinal Laborstones.

Clarge trano

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 6 32.5783626-103.1049190 (H902936-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS			-		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate 4-Bromofluorobenzene (PIE	102 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chioride	1180	16.0	08/28/2019	ND	432	108	400	0,00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					

 Surrogate:
 1-Chlorooctane
 76.5 %
 41-142

 Surrogate:
 1-Chlorooctadecane
 79.9 %
 37.6-147

Cardinal Laboratories

PLEASE NOTE: Liablety and Damages. Candinat's bablety and client's exclusive remedy for any dam ensing, whether based in contract or tort, shall be limited to the amount paid by chent for analysis. All claims, including those for negligence and any other cause whitesenver shall be deemed waved witess made in writing and received by cleant within thirty (30) days after completion of the applicable serves. In no event shall candinat be lable for incidental or consequential demages, including, without limitation, business interruptions, loss of profits incurred by cleant, ics subschares, sifiliates or successors around out of or insisted to the performance of the services hereunder by Candinal, regardless of whether such claim is based on any of the biows stated researces or otherwes. Results rests only to the sample control table services in like with internation of limited approval of Cardinal Jaborstones.

Colog 2 trans

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 7 32.5784350-103.1048360 (H902936-19)

BTEX 8021B	mg/	ikg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	104 5	73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	190	95.0	200	0.234	
DRO >C10-C28*	13.1	10.0	08/31/2019	ND	183	91.7	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	79,8	% 41-142	?						
Surrogate 1-Chlorooctadecane	86.7	% 37.6-14	17						

Cardinal Laboratories

PLEASE NOTE: Liablesy and Damages. Candinal's lablesy and clemit's exclusive remedy for any clem ansing, whether based in contract or tort, shall be landed to the amount paid by clemit for analyses. All clemit, including those for negligence and any other cause whatdoever shall be deemed waved unless made in writing and received by Cardinal within thirty (20) days after completion of the applicable service. In no event shall Cardinal be lables for incidential or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incarred by clemit, its subsidianes, affiliates or successory arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such clemits based upon any of the above stated reasons is otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboretones.

Colog 2 trene -

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 8 32.5785240-103.1040660 (H902936-20)

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	103 5	6 73 3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2019	ND	187	93.5	200	1.31	
DRO >C10-C28*	10.9	10.0	08/30/2019	ND	192	95.8	200	8.76	
EXT DRO >C28-C36	<10.0	10.0	08/30/2019	ND					
Surrogate: 1-Chlorooctane	50.4	% -11-142	?						
Surrogate: 1-Chlorooctadecane	56.5	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liabelity and Damages. Cardinal's bablicy and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All dams, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for encidential consequential damages, including those of profits incurred by client, its subedures, affliates or successors anding out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon **any of the above** stated reasons or otherwise. Results relate only to the services dentified above. This report shall not be reproduced involted in written approval of Cardinal Laboretones.

Colog Lations

Celey D. Keene, Lab Director/Quality Manager

Page 21 of 28



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total BTEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	104 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	304	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	08/30/2019	ND	187	93.5	200	1.31	
DRO >C10-C28*	11,1	10.0	08/30/2019	ND	192	95.8	200	8.76	
EXT DRO >C28-C36	<10.0	10.0	08/30/2019	ND					
Surrogate: 1-Chlorooctane	73.2 5	6 41-142	2						
Surrogate: 1-Chlorooctadecane	81.9	37.6-14	7						

Cardinal Laboratories

PLESE NOTE: Liablely and Damages. Cardinal's liablely and client's exclusive remedy for any claim ansary, whether based in contract or tort, shall be lameted to the amount paid by client for analyses. All claims, including those for inegispence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (20) days after camplebon of the applicable service. In no event shall Cardinal be liable for incidental damages, including, without limitation, business interruptions, loss of justits incurred by client, its autoidanes, afflitates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim 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 Laboratories.

Colog 2 tring -

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W 11 32.5783075-103.1049563 (H902936-22)

BTEX 80218	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	08/28/2019	ND	1.66	83.2	2.00	0.196	
Toluene*	<0.050	0.050	08/28/2019	ND	1.87	93.6	2.00	0.0538	
Ethylbenzene*	<0.050	0.050	08/28/2019	ND	1.91	95.4	2.00	0.632	
Total Xylenes*	<0.150	0.150	08/28/2019	ND	5.86	97.6	6.00	0.468	
Total STEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	105 9	% 73.3-12	9						
Chioride, SM4500C1-B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	752	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	187	93.5	200	1.31	
DRO >C10-C28*	12.0	10.0	08/31/2019	ND	192	95.8	200	8.76	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	54.9	% 41-142							
Surrogate: 1-Chlorooctadecane	59.1	% 37.6-14	7						

Cardinal Laboratories

PLEASE MOTE: Labelity and Demages. Cardinal's Bablity and client's exclusive refreedy for any claim ensuing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistopener shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential complexity including, without and another by cardinal writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be leade for incidential complexity including, without and another by cardinal incidential complexity is advected and to the performance of the tervices hereander by Cardinal, regardless of whether such claims based upon any of the advect stater researce only to the services interflexible. This reports and note performance.

Colog 2 trans

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/26/2019	Sampling Date:	08/26/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 16 32.5785126-103.1049001 (H902936-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	08/29/2019	ND	1.55	77.6	2.00	1.86	
Toluene*	<0.050	0.050	08/29/2019	ND	1.77	88.4	2.00	1.26	
Ethylbenzene*	<0.050	0.050	08/29/2019	ND	1.83	91.3	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/29/2019	ND	5.60	93.3	6.00	1.59	
Total BTEX	<0.300	0.300	08/29/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	116 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/28/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	187	93.5	200	1.31	
DRO >C10-C28*	20.1	10.0	08/31/2019	ND	192	95.8	200	8.76	
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	76:2 5	% 41-143	2						
Surrogate: 1-Chlorooctadecane	85.6	37 6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's bablity and client's exclusive remetry for any claim ansing, whicher based in contract or tort, shall be limited to the amount paid by client for enalyses. All claims, including those for negligence and any other cause whistoever shall be deemed waved unless made in writing and incurved by client, they fully deep after completion of the applicable served. In no event shall cardinal be liable for indential contended by client, is ubsequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its audivative, affiliates or successors areain out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated relations or obviews. Results relation who to the simplete on the influence.

Clay 2. Kinne-

Celey D. Keene, Lab Director/Quality Manager

Page 43 of 63

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits 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.
<u>.</u>	Chloride by SM4500CI-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

PLEASE NOTE: Liablety and Damages. Cardinal's labelety and client's enduance remedy for any dawn ansing, whether based in contract or tort, shall be lamited to the amount paid by chent for analyses. All dawns, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be labore for incidental or consequential damages, including, without lamitation, business interruptions, loss of use, or loss of profits incurred by client, its aubuidanes, affiliates or successors arraing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwale. Results relies only to the samples identified above. This report shall not be reproduced except in hall with written approval of Cardinal Laboratores.

Colorgi trene -

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/22/2021 1:19:12 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinguished B Relinquished By: city: Hoblos Project Manager: Company Name: Habaaas Project Name: Sampler Name: Project Location: Project #: Phone #: Address: Aven. Al chime Lab I.D. YOR LAB USE DHLY 0 30,5783 W CANAN C 5 Brown Brown 2103.705954U 32.5% 34 80 32.5% 34 80 32.5% 34 80 Sample I.D. Puch 2.513 3340 03.074 03.3340 .575 58 60 S 0400 Time: /4:/8 Date: Time: Fax #: Project Owner: State: UM ZIP: 8240 あったもの 194 Received By: C (G)RAB OF (C)ON cReceived By: 0 # CONTAINERS GROUNDWATER MAND # WASTEWATER MATRIX SOIL OIL SLUDGE bes of use, or been of profits. P.O. # OTHER State: City: Fax #: Phone #: Attn: Company: Address: ACID/BASE PRESERV ICEY COOL OTHER : Np 1,00/8 2/269 14 DATE 8/269 8/24 SAMPLING rearred by clerk, he exhibits not 26 9:10 20 Fax Result: REMARKS: 10:24 9.22 12:01 9 24 Phone Result: TIME 2 16 an of the spylicable Email Results 1 TPL Ext 00 No No Add'I Phone #: Add'I Fax #: ANALYSIS REQUEST

Sampler - UPS - Bus - Other:

2.22 #97 Aunted 3.60

Sample Condition Cool Intact Tes Tes No No

2

Received by OCD: 11/18/2020 11:03:33 AM

CHECKED BY: (Initials)

Delivered By: (Circle One) 2.22



. Released to Imaging: 2/22/2021 1:19:12 PM

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	0	011 10		
Project Manager: JORNA IN BILLOW	P.O. 1	*		
Address:	Company:	pany:		
City: 210665 States/1)/1	ZIP: 108 824/0 Attn:			
Phone #: Fax #:	Address:	8 8 1		
Project #: Project Owner:				
Project Name:	State:	: Zip:		
Project Location: Riveling 11 Ruther	フィー井 ク Phone #:			
Sampler Name: de) Qiagre G. C.	(/	
FOR LAB USE DWY	╞	SERV	/ X	
POPLAN USE DRUY		PRESERV, SAMPLING	TH TE;	
Lab I.D. Sample I.D.	G)RAB OR CO CONTAINERS ROUNDWATE VASTEWATER SOIL DIL SLUDGE DTHER CID/BASE		C/ Ext T OMBB D	
01490505 201- ECA 11	7	1	7 7 7	
12 WU 32 57 57 57 50	01/	10:01 1 1	/ /	
13 40 5 -12 5 13 522 S		1 (12:06	7	
115	C ····································	1) p.:ch		
10 Bill 32 Sec 10		1 0.10		
0,228,242 22 218 21	6 1 7	12:14		
12 DE SUE SUE DIN CON XI		1 13:00		
5. PRIS EL C.4				
		a math in writing and received by Continued within 20 days after comparison of the applicable		
Relinquished By: / Deta: // Deta:	Received By:	the stars send to	alt: O Yes O No	Add'l Phone #:
Relinquished By: Julistoke Time: 1/1/1/6	Received By:	Laby REMARKS:		(A) (新)
Time:				
Delivered By: (Circle One) J.J.C	- E L	CHECKED BY:		
1		6		
Children (1)	CT-CC LING LING			

Page 45 of 63

Received by OCD: 11/18/2020 11:03:33 AM

Page 27 of 28

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Druchs	BILL TO			ANALYSIS REQUEST	
Project Manager: Biure Buley de Star Brown	P.O. #			- 1	
	Company:				
City: Hobos State: UL Zip: 82940	Attn:				
Phone #: Fax #:	Address:				
Project #: Project Owner:	City:				
Project Name:	State: Zip:				
Project Location: Buch March Project Location: And	Phone #:				
services (1)	Fax #:				
F	PRESERV. SAMPLING	õ	<u>-</u>		
	HER ID/BASE COOL HER		-xt TP+ STEX		
GR WA SO OIL					
21 32 5783075 - 1000		2:21			
C 1 C 1 C C	1 2/86	613:29			
safey and clarit's encloses remady for any claim ensuity scheder boo rd any other cause wholeserver shall be showned wered writes made and at consequential changes, including without instalant, journes is		need to live arreased paid by live cleart for the lead vollers 20 days adar completion of the applicable of profile incorred by clears, its submittanes.			
shed By: A	11/11	Phone Result:		Add'I Phone #: Add'I Fax #:	
Relinguished By: Liller a Date: Received By: Time:	Makye				
Delivered By: (Circle One) J.J.C. Ha7 Sample Condition Sampler - UPS - Bus - Other: J.J.C. Har Cool Intact	1			Ţ.	
aralated d. les	-f				

L



September 03, 2019

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

RE: BIG KICK #1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/27/19 15:33.

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.qov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.qov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.qov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.qov/field/qa/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Received by OCD: 11/18/2020 11:03:33 AM

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



99.0

98.6

1.98

5.91

RPD

0.922

2.06

2.09

3.00

2.00

6.00

Qualifier

Analytical Results For:

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

Received:	08/27/2019	Sampling Date:	08/27/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 13 32.5783626-103.1049030 (H902956-01)

BTEX 8021B mg/kg Analyzed By: BF Reporting Limit Analyzed True Value QC Analyte Result Method Blank 8S % Recovery < 0.050 0.050 08/31/2019 ND 1.97 98.3 2.00 Benzene* Toluene* <0.050 0.050 08/31/2019 1.97 98.5 2.00 ND

08/31/2019

08/31/2019

0.050

0.150

Total BTEX	<0.300	0.300	08/31/2019
Surrogate: 4-Bromofluorobenzene (PIL	85.3 %	73.3-129	

<0.050

<0.150

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					1.1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% Recovery	True Value QC	RPD	Qualifier		
Chloride	240	16.0	08/29/2019	ND	400	100	400	0.00			
TPH 8015M	mg,	/kg	Analyze	d By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	216	108	200	1.12			
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	218	109	200	2.28			
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND							
Surrogate: 1-Chlorooctane	107	% -11-142	?								
Surrogate: 1-Chlorooctadecane	113	37.6-14	7								

ND

ND

ND

Cardinal Laboratories

Ethylbenzene*

Total Xylenes*

PLEASE NOTE: Liablety and Damages. Cardinal's Bablety and client's exclusive rementy for any claim ansing, whether based in contract or tart, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsomer shall be deemed waved unless made in writing and incomed by client for analyses. All claims, including those for negligence and any other cause whatsomer shall be deemed waved unless made in writing and incomed by client, this work writing any other amplitudes and any other approximation of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including, writing, implandon, business interruptions, loss of use, or loss of profits incurred by client, do subsidianes, effiliates or successions arrang out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the store, stated response or deemes.

Colorg 2 treene

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/27/2019	Sampling Date:	08/27/2019
Reported:	09/03/2019	Sampling Type:	Soil
Project Name:	BIG KICK #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 15 32.5784728-103.1048991 (H902956-02)

BTEX 8021B	mg/l	kg	Analyze	d By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Benzene*	<0.050	0.050	08/31/2019	ND	1.97	98.3	2.00	0.922		
Toluene*	<0.050	0.050	08/31/2019	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	08/31/2019	ND	1. 9 8	99.0	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/31/2019	ND	5.91	98.6	6.00	3.00		
Total BTEX	<0.300	0.300	08/31/2019	ND						
Surrogate: 4-Bromofluorobenzene (PIE	86.5 9	6 73.3-12	9							
Chloride, SM4500Cl-B mg/kg		Analyze	d By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Chloride	384	16.0	08/29/2019	ND	400	100	400	0.00		
TPH 8015M mg/kg		kg	Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
GRO C6-C10*	<10.0	10.0	08/31/2019	ND	216	108	200	2.35		
DRO >C10-C28*	<10.0	10.0	08/31/2019	ND	217	109	200	2.98		
EXT DRO >C28-C36	<10.0	10.0	08/31/2019	ND						
Surrogate: 1-Chlorooctane	126 %	6 41-142	?							
Surrogate: 1-Chlorooctadecane	135 %	6 37.6-14	7							

Page 49 of 63

Cardinal Laboratories

PLEASE NOTE: Labelity and Damages. Cardinal's Bablity and client's exclusive remedy for any claim ansay, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cluee whatsomer shall be deemed waves unless made in writing and incouved by claims, including those for anoderstal or consequential damages, including, without limitation, business interruption, loss of use, or loss of profits incurred by client, its advantances, affiliates or successors areang out of or related to the performance of the services heraunder by Cardinal, regardless of whether and dam is based up in any of the soluti stated reasons or otherwise. Resistant resistant to be target settled base. This reports shall be learned shall be learned, and and and provide discretification ess.

Chang 2 trans

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte

Released to Imaging: 2/22/2021 1:19:12 PM



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits 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.
Si	Chloride by SM4500CI-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

Received by OCD: 11/18/2020 11:03:33 AM

*=Accredited Analyte

PLEASE NOTE: Liabidity and Damages. Candhard's Bablety and cleant's endurive remedy for any clean ensing, whether based in contract or bort, shall be limited to the amount paid by cleant for analyses. All cleans, including those for neployence and any other cause whistoever shell be deemed wenned unless mede in writing and insteaved by cleant likes modernal or consequential damages, including, writing modernal candhard be liable for incidential or consequential damages, including writing modernal or consequential damages, including which and causes interport of the above stated reasons or coherwes. Results relate only to the samples identified above. This report shall not be reproduced except in full writi writing approval of Cardinal Laboratomes.

Classi trance-

Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Delivered By: (Circle One)	Relinquished By:	NOTE: Lability and Damager. Cardina's lability .AL claims including those for negligence and an in no event shell Cardinal be table for incidental or or successors anising out of or related to the partie				1 201- 21 G 1	Lab I.D. Sample I.D.	FOR LAB USE ONLY	as Ch	Project Location: Bio Victor	Project Name:	Project #:		city: Wardens	Address:	Project Manager: A PL	Company Name: 400000
3.3 c #97 Cool	Date: Received By:	PLEASE NOTE: Liability and Damages. Candina's labelity and clent's exclusive tensed is on claim straing whether based is contract or tort, shell be instead to be annound para by the clent bit is peak-year. At claims inducting boose for negligences and any other cause whitebowere index makes in whether is the clean white or a shell contract and any clean any clean strain be denoted by the clean and clean bit is service, it no event shall caused to be be for incident or many services indexes whitebowere interruptions, best of used services have and by clean and by clean any of the short stated by clean any clean any of the short stated by clean any of the short stated in the services.			-10-2. 100/2001 (C)	C	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER		c)ø.	Retear #1		Project Owner:	Fax #	State: JJJ Zip: SSOUC		Preservo	
Sample Condition CHECKED BY: Cool Intact (Initials)	ra Makge	salar in contract or tort, shall be Inmael to the amount, paid de la vinitary and received by Catcheal within 20 toleys alers s interruptions, loss of use, or loss of profess incurred by cl her each claim is loss of use, or loss of profess incurred by cl her each claim is loss of usen any of the above stated <u>ne</u>			TE/S	N	SOIL OIL SLUDGE OTHER : ACID/BASE: ICE COOL OTHER :	MATRIX PRESERV SAMPLING	Fax #:	Phone #:	State: Zip:	City:	Address:		Company:	P.O. #:	BILL TO
Emeril Regults	Phone Result: [] Yes [] No Fax Result: [] Yes [] No REMARKS:	pleable			9:04	9:07 / / /	TIME C/ EXT TP/ BTEX	6 2/									
Regults.	Add'l Phone #: Add'l Fax #:																ANALYSIS REQUEST

Received by OCD: 11/18/2020 11:03:33 AM



October 31, 2019

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

RE: BIG KICK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/24/19 15:45.

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/ga/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-S)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Received by OCD: 11/18/2020 11:03:33 AM

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	10/24/2019	Sampling Date:	10/22/2019
Reported:	10/31/2019	Sampling Type:	Soil
Project Name:	BIG KICK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 4-1' (H903654-01)

BTEX 80218	mg/	ikg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2019	ND	1.91	95.7	2.00	3.83	
Toluene*	<0.050	0.050	10/30/2019	ND	1.90	95.0	2.00	2.55	
Ethylbenzene*	<0.050	0.050	10/30/2019	ND	1.94	97.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/30/2019	ND	5.84	97.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/30/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.5	% 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	10/28/2019	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	10/28/2019	ND	218	109	200	1.30	
DRO >C10-C28*	<10.0	10,0	10/28/2019	ND	216	108	200	0.488	
EXT DRO >C28-C36	<10.0	10.0	10/28/2019	ND					
Surrogate: 1-Chlorooctane	104	% 41-143	?						
Surrogate: I-Chlorooctadecane	107	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's lability and cleart's endusive remedy for any clean ansang, whether based in concract or tort, shall be lamited to the amount paid by cleant for analyses. All clears, including those for negligenca and any other cluse whitesever shall be deemed waved unless made in writing and received by cleant, for cardinal whom thinty [39] days after completion of the applicable service. In no event shall clarishal be labele for incidental or consequential damages, including, writing, limits were shall be deemed waves and in an event shall clarishal be labele for incidental or consequential damages, including, writing, limits and and an an of the shares of the start state of the start state

Colog 2. Aring -

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/24/2019	Sampling Date:	10/22/2019
Reported:	10/31/2019	Sampling Type:	Soil
Project Name:	BIG KICK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B H 1-0 (H903654-02)

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	10/30/2019	ND	1.91	95.7	2.00	3.83	
Toluene*	<0.050	0.050	10/30/2019	ND	1.90	95.0	2.00	2.55	
Ethylbenzene*	<0.050	0.050	10/30/2019	ND	1.94	97.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/30/2019	ND	5.84	97.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/30/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIC	98.8	% 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	10/28/2019	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	10/28/2019	ND	218	109	200	1.30	
DRO >C10-C28*	< 10.0	10.0	10/28/2019	ND	216	108	200	0.488	
EXT DRO >C28-C36	<10.0	10.0	10/28/2019	ND					
Surrogate: 1-Chlorooctane	107 5	% 41-142							
Surrogate: 1-Chlorooctadecane	110 5	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Labolity and Damages. Cardinal's Bablity and client's exclusive remedy for any daw ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All clients, including those for nepligence and any other cause whatboever shall be deemed waved unless made in writing and received by Cardinal within thirty (20) days after completion of the applicable service. In no event shall Cardinal be Bable for incidencial or consequential damages, including, without fundation, business interruptions, loss of profits mounted by clientifies accurately, affability or succession anisity of or related to the performance of the services hersunder by Cardinal, regardless of whether such claims based upon any of the struct stort resons or otherws. Results relation type to be survices interfined above. This reportation control and on the structures.

Chag? trans-

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/22/2021 1:19:12 PM



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

Received:	10/24/2019	Sampling Date:	10/22/2019
Reported:	10/31/2019	Sampling Type:	Soil
Project Name:	BIG KICK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 2-1' (H903654-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/30/2019	ND	1.91	95.7	2.00	3.83	
Toluene*	<0.050	0.050	10/30/2019	ND	1.90	95.0	2.00	2.55	
Ethylbenzene*	<0.050	0.050	10/30/2019	ND	1.94	97.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/30/2019	ND	5.84	97.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/30/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.5 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	Qualifie
Chloride	32.0	16.0	10/28/2019	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	Qualifie
GRO C6-C10*	<10.0	10.0	10/28/2019	ND	218	109	200	1.30	
DRO >C10-C28*	<10.0	10.0	10/28/2019	ND	216	108	200	0.488	
EXT DRO >C28-C36	<10.0	10.0	10/28/2019	ND					
Surrogate: 1-Chlorooctane	110 %	6 41-142							
Surrogate: 1-Chlorooctadecane	113 9	37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liabelity and Damages. Cardinal's Bablity and chent's enclusive retimety for any claim ansing, whether based in controls or borr, shall be emced to the amount paid by chent for analyses. All claims, including those for inregispence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be fable for incidental or consequential damages, including, without initiation, business interruptions, loss of portis incurred by claim to available successors among out of or neisted to the performance of the services hereunder by Cardinal, regardless of whether such claims to based unover the diversion or other was relation to the sample claimined adom prior the line the moderate and another of claims.

Chigi trans-

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/24/2019	Sampling Date:	10/22/2019
Reported:	10/31/2019	Sampling Type:	Soil
Project Name:	BIG KICK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 11-1' (H903654-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/30/2019	ND	1.91	95.7	2.00	3.83	
Toluene*	<0.050	0.050	10/30/2019	ND	1.90	95.0	2.00	2.55	
Ethylbenzene*	<0.050	0.050	10/30/2019	ND	1.94	97.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/30/2019	ND	5.84	97.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/30/2019	ND					
Surrogate 4-Bromofluorobenzene (PIL	97.8 5	6 73 3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	336	16.0	10/28/2019	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	Qualifie
GRO C6-C10*	<10.0	10.0	10/29/2019	ND	217	108	200	0.204	
DRO >C10-C28*	<10.0	10.0	10/29/2019	ND	214	107	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	10/29/2019	ND					
Surrogate 1-Chlorooctane	96.8	% 41-142							
Surrogate 1-Chlorooctadecane	100 9	6 37.6-14	7						

Cardinal Laboratories

PLEASE NOTE: Liablery and Damages. Cardinal's lablery and chern's exclusive remedy for any claim ansang, whether based in contrast or toxt, shall be limited to the amount pand by chern for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waved unless made in writing and received by claims, including those for incidence and any other cause whistoever shall be deemed waved unless made in writing and received by claims, including those for incidence and and unless instandors, business instandors, bas of use or loss of profits incurred by claims, fisal deems, affiliates or successors antiang out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based open any of the above stated reasons or otherwes. Results relate singly to the approximation and to the services.

Colog 2 trans

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/24/2019	Sampling Date:	10/22/2019
Reported:	10/31/2019	Sampling Type:	Soil
Project Name:	BIG KICK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 6-1' (H903654-05)

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	10/30/2019	ND	1.91	95.7	2.00	3.83	
Toluene*	<0.050	0.050	10/30/2019	ND	1.90	95.0	2.00	2.55	
Ethylbenzene*	<0.050	0.050	10/30/2019	ND	1.94	97.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/30/2019	ND	5.84	97.4	6.00	3.89	
Total BTEX	<0.300	0.300	10/30/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIC	98.7	% 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	32.0	16.0	10/28/2019	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

ND

ND

ND

217

214

108

107

200

200

0.204

3.06

10/29/2019

10/29/2019

10/29/2019

Cardinal Laboratories

GRO C6-C10*

DRO >C10-C28*

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

PLEASE NOTE: Labolity and Damages. Cardinal's bablity and clerent's evolutive remetly for any claim arrising, whether based in contract or tort, shall be lemeted to the amount paid by clerent for analyses. All claims, including those for negligence and any other cause whitsoprive shall be deemed waved unless made in writing and received by Cardinal your dation intry (30) days after completion of the applicable services. In no event shall Cardinal be leable for incidental or consequential damages, including, without Bindution, business interruptions, loss of use, or loss of profits incurred by clerent, its subsidiaries, afflates or successors aroung out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the solve statist researces or constructions or otherwise. Release related holds to the gendices.

Collegi trano

Celey D. Keene, Lab Director/Quality Manager

<10.0

<10.0

<10.0

103 %

106 %

10.0

10.0

10.0

41-142

37.6-147

Page 6 of 8



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits 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 SM4500CI-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

Received by OCD: 11/18/2020 11:03:33 AM

*=Accredited Analyte

PLEASE NOTE: Uablery and Damages. Cardinal's labelity and cleart's exclusive remedy for any dam ansing, whether based in contract or tort, shall be landed to the amount paid by cleart for analyses. All cleares, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and retered by Cardinal within thirty (30) days after completion of the applicable serves. In no event shall Cardinal be labele for exceeded or consequential damages, including, without landstoin, business interruptions, loss of use, or loss of use, or loss of profits incurned by cleart, its subsidianes, affliates or successors aroung out of or related to the performance of the services hereunder by Cardinal, regardless of whether such dam is based upon any of the above stated reasons or otherwise. Results relate only its the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Colorgit there -

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: A Machae / 1920	BILL TO ANALYSIS REQUEST	JEST
Project Manager;	P.O. #	
Address:	Company: Affective Marto	
City: State: Zip:	uce Bak	
Phone #: Fax #:		
Project #: Project Owner:		
Project Name: Bix Kick Rotter 4	•• [
on: Carlor Con Alter	Phone # $U \leq 2 - L \leq 1 - L \leq 2$	
	Fax #:	
	1 UA T.	
R		
(G)RAB OR (C)OU # CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DA THER: D	
2 BH10. 4-1, 6 X	10122 9129 X X	
wall-d-	XXCON	
5 wave b-1'	4 1922 12,30 X X X	
g Diess is rangingenes and sky other cause whethouse shared on any cault same volvel he fable her indicental or concequential damages, including without jimitel 19 ded of or ministra by the performance of services herecrider by Caudinal, regard	u versuary cassu an commun, or any, sual be inneed to the annorsh paid by the defend for the source of the annorsh paid by the defend for the source of the annorship of the source of the annorship of the source o	
Add By: Date: Date: Received By:	-	ise COM
	14 my Praker @ APache Morp - mon	10100
Sampler - UPS - Bus - Other: Covertal 5.3. Fis First		
ľ		

Page 59 of 63

Received by OCD: 11/18/2020 11:03:33 AM

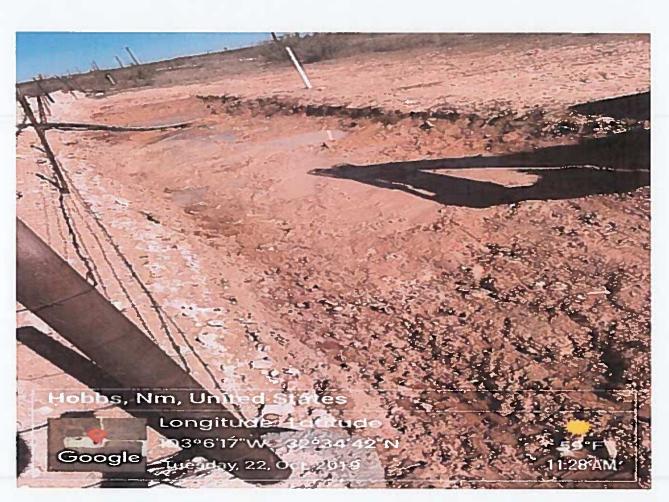
Big Kick Battery Photos



Area excavated with new installed berm



Area excavated with new installed berm



Pasture Excavation

COMMENTS

Action 11248

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Operator: APACHE CORPORA #1000 Midland, TX75		OGRID: 873	Action Number: 11248	Action Type: C-141
Created By Comment chensley Deferral approved with the tanks left in place.			Comment Date 02/22/2021	

CONDITIONS

Action 11248

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

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS OF APPROVAL

Operator:			Action Number:	Action Type:			
	303 Veterans Airpark Ln	873	11248	C-141			
#1000 Midland, TX79705							
OCD Reviewer		Condition					
chensley		None					