

Deferment Request

February 3, 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.

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

Received by OCD: 2/4/2020 2:13:55 PM

Submitted by; Bruce Baker

Environmental Technician

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

Off# 575-393-7106

Form C-141 Page 3

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<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 ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes 🗹 No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No

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

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

Received by OCD: 2/4/2020 2:13:55 PM

Form C-141 Page 4

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a t	otifications and perform corrective actions for releases which may endanger to OCD does not relieve the operator of liability should their operations have
Printed Name: Bruce Baker Signature: Bruce Baker	_ Title: _ Environmetutal Tech SR. Date: /-11-19_
email: larry. baker@ apachecorp.com	Telephone: 432-631-6982
OCD Only Received by Dylan Rose-Coss	Date:06/18/2019

Form C-141 Page 5

State of New Mexico Oil Conservation Division

Incident ID	5
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	ncluded in the plan.
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Scaled sitemap with GPS coordinates showing delineation points Scaled sitemap with GPS coordinates showing delineation points	
Closure criteria is to Table 1 specifications subject to 19.15.29.12 Proposed schedule for remediation (note if remediation plan time	(C)(4) NMAC ine is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confi	rmed as part of any request for deferral of remediation.
☑ Contamination must be in areas immediately under or around pro deconstruction.	duction equipment where remediation could cause a major facility
☑ Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health,	the environment, or groundwater.
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file complete which may endanger public health or the environment. The acceptantiability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD acresponsibility for compliance with any other federal, state, or local laterals.	rtain release notifications and perform corrective actions for releases co of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, coeptance of a C-141 report does not relieve the operator of
Printed Name: Bruce Baker	Title: Environmental Tech Sl.
Printed Name: Bruce Baker Signature: Bruce Baker	Date: /-//-19
email: larry baker@apachecorp.com	Telephone: 432-631-6982
OCD Only	
Received by:	Date:
Approved with Attached Conditions of A	pproval Denied Deferral Approved
Signature: Dylan Rosa-Coss [Date: 06/18/2019

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation point Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.1 Proposed schedule for remediation (note if remediation plan times)	2(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.
	and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Bruce Baker	Title: Environmental Tech. SR.
Signature: Bruce Baker	Date: 2-3-20
email: larry baker@apachecorp.com	Telephone: 432-631-6982
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval
Signature:	Date:

Rose-Coss, Dylan H, EMNRD

From:

Rose-Coss, Dylan H, EMNRD

Sent:

Tuesday, June 18, 2019 11:53 AM

To:

'Baker, Larry'

Subject:

RE: Remediation Plan 1RP-5237

Mr. Baker,

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.

BRUCEBAKER

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

APACHE CORPORATION 2350 W. MARLAND BLVD HOBBS , NM 88240

<u> ApacheCorp.com | LinkedIn | Facebook | Twitter | StockTwits | YouTube</u>

From: Rose-Coss, Dylan H, EMNRD [mailto:DylanH.Rose-Coss@state.nm.us]

Sent: Monday, June 17, 2019 2:49 PM

To: Baker, Larry < Larry.Baker@apachecorp.com > 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 < Larry.Baker@apachecorp.com >

Sent: Friday, June 14, 2019 8:58 AM

To: Rose-Coss, Dylan H, EMNRD < DylanH.Rose-Coss@state.nm.us>

Cc: Feather, David < David.Feather@apachecorp.com >; Broom, Jeffrey < Jeffrey.Broom@apachecorp.com >

Subject: [EXT] FW: Remediation Plan 1RP-5237

Mr. Rose-Coss,

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

From: Baker, Larry

Sent: Monday, April 15, 2019 10:46 AM

To: 'emnrd-ocd-district1spills@state.nm.us' <emnrd-ocd-district1spills@state.nm.us>

Cc: Feather, David < David.Feather@apachecorp.com >

Subject: FW: Remediation Plan 1RP-5237

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

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From: Baker, Larry

Sent: Friday, January 11, 2019 2:21 PM

To: 'Hernandez, Christina, EMNRD' < Christina.Hernandez@state.nm.us

Cc: Feather, David <David.Feather@apachecorp.com>

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

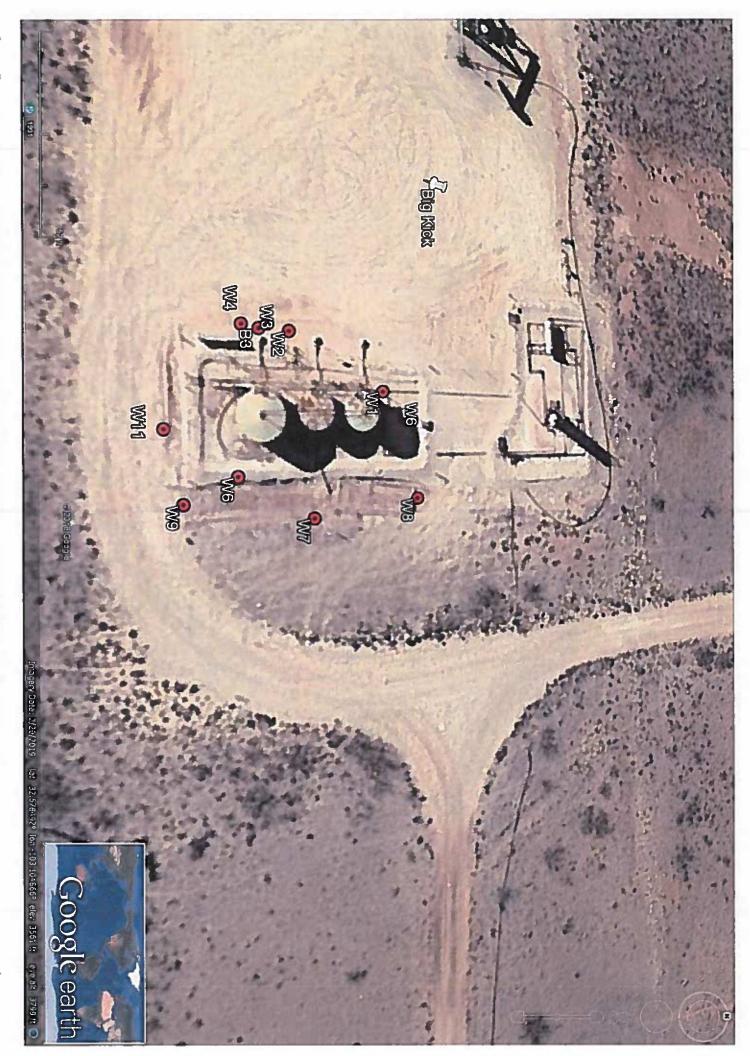
ENVIRONMENTAL TECHNICIAN SR

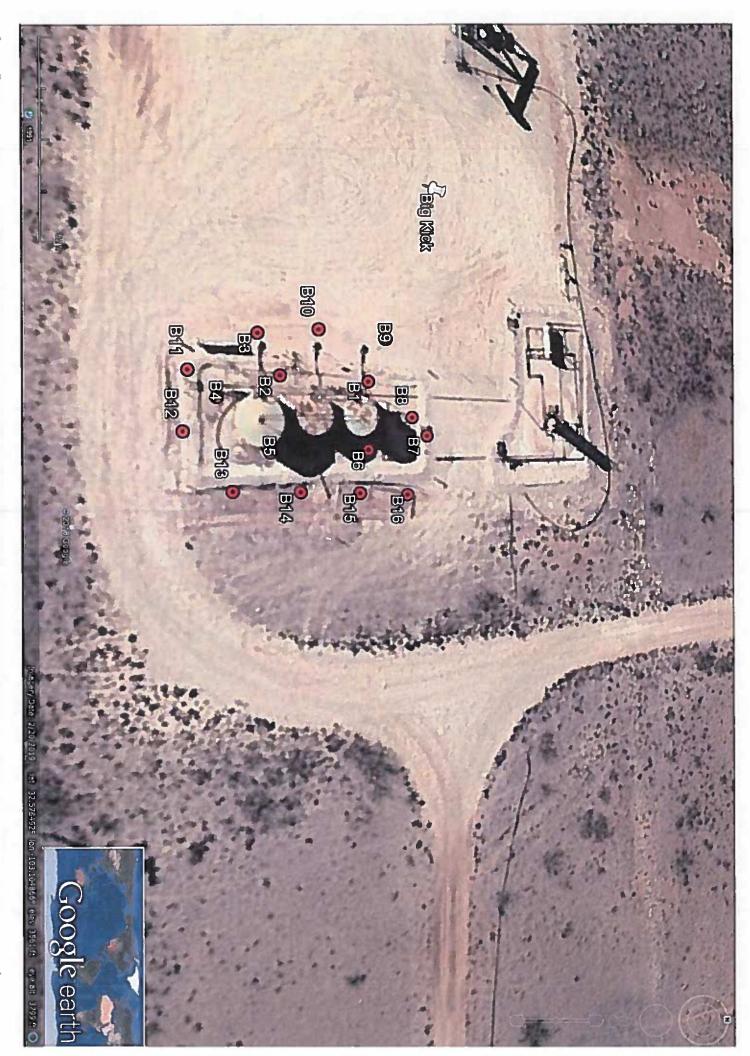
direct 575-393-7106 ext 1523 | Cell 432-631-6982

APACHE CORPORATION 2350 W. MARLAND BLVD HOBBS , NM 88240

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Map ID	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total	GRO	DRO	EXT DRO	GPS Coordinates
							Xylenes	BTEX				
B1	81	1,	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784820, -103.1052240
B2	82	1,	880	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.6	11.3	32.5783850, -103.1050570
B3	83	1,	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783480, -103.1049410
B4	84	1,	1390	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783480, -103.1049410
BS	85	1,	512	<0.050	<0.050	<0.050	<0.150	<0.300	11.1	17.1	<10.0	32.5784170, -103.1049430
98	98	1,	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785050, -103.1049339
87	87	1,	784	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785260, -103.1049770
B8	88	1,	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785120, -103.1049810
B9	89	1,	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784960, -103.1050644
810	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
811	811	1,	448	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783075, -103.1049993
812	812	-1	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5782990, -103.1049363
813	B13	1,	240	<0.050	<0.050	<0.050	<0.150	<0 300	<10.0	<10.0	<10.0	32.5783626, -103.1049030
B14	814	1,	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5783626, -103.1049190
815	815	1,	384	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5784728, -103.1048991
R16	R16	1-	576	<0.050	<0.050	050 07	70.150	O 300	7100	1 00	7100	100401 501- 9212825 25

	n											
Map ID	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total	GRO	DRO	EXT DRO	EXT DRO GPS Coordinates
				V			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
WZ	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
WS	WS	1,	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.5785228, -103.1049806
9/	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
6/	6M	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



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.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.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN

Sampling Date:

Jamping Date.

Sampling Type:

Sampling Condition:

Soil

Cool & Intact

Sample Received By:

Tamara Oldaker

08/26/2019

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

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	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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Umit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	229	114	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	97.1	% 41-142	2						
Surrogate: 1-Chlorooctadecane	110 %	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and chents exclusive remedy for any claim ansing, whether based in contract or fort, shall be limited to the amount paid by chent for analyses. All claims, including those for negligence and any other claim subspaces shall be deemed weweld 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 incident by client, its subsidiaries, affiliates or successors arong out of or initiated to the performance of the services herituinder by Cardinal, regardless of whether such claims based upon any of the above stated resents or otherwise. Results relate only to the samples identified above. This report shall not be reproduced excessors in full with vertices approval of Cardinal Laborationes.

Change trans



Analytical Results For:

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: Project Location: NONE GIVEN **NOT GIVEN**

Sample Received By:

Tamara Oldaker

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

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	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	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	
ТРН 8015М	mg,	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B5	% 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*	33.6	10.0	08/28/2019	ND	229	114	200	7,12	
EXT DRO >C28-C36	11.3	10.0	08/28/2019	ND					
Surrogate: 1-Chlorooctane	97.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	113	37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liabday and Damages. Cardinal's labday and illent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by chert for analytes. All claims, including those for negligence and any other cause whistoners shall be deemed waived unkess make in writing and received by Cardinal within 11th [30] days after completion of the applicable service. In no event shall Cardinal be labble for encidence of completion of the applicable service. In no event shall cardinal be labble for encidence of contract or co

Cologi time

Analytical Results For:

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

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN **NOT GIVEN**

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 08/26/2019

Soil

Cool & Intact

Tamara Oldaker

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						

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Analytical Results For:

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

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN **NOT GIVEN**

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 08/26/2019 Soil

Cool & Intact

Tamara Oldaker

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	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	103 5	% 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	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	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	97.1	% 41-142							
Surrogate: 1-Chlorooctadecane	1113	% 37.6-14	7						

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Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY** NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/26/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

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-Bromofluorohenzene (PIC	103	% 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	ΝĐ	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						

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Analytical Results For:

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

Received: Reported:

08/26/2019

09/03/2019

Project Name: Project Number: BIG KICK #1 BATTERY

Project Location:

NONE GIVEN

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil Cool & Intact

08/26/2019

Tamara Oldaker

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

BTEX 8021B	mg/	ka	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	1045	% 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	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	2						
Surrogate: 1-Chlorooctadecane	79.3	% 37.6-14	7						

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Analytical Results For:

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

Fax To:

(575) 393-2432

Received: Reported: 08/26/2019

09/03/2019

Project Name:

BIG KICK #1 BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

ampling bate.

08/26/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

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	NĐ	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	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	
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	70.4	% 41-142	?						
Surrogate: 1-Chlorooctadecane	74.7	% 37.6-14	7						

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Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/26/2019

Sampling Date:

08/26/2019

Reported:

09/03/2019

Sampling Type:

Project Name:

BIG KICK #1 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Tamara Oldaker

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

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 STEX	<0.300	0.300	08/28/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	104	% 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	48.0	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	78.1	% 41-142	?						
Surrogate: 1-Chlorooctadecane	86.1	% 37.6-14	7						

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Analytical Results For:

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

Received:

08/26/2019

09/03/2019

Reported: Project Name:

BIG KICK #1 BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Soil

Cool & Intact

08/26/2019

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: MS			<u> </u>		
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	% 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	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	% 41-142	1						
Surrogate: 1-Chlorooctadecane	72.9	% 37.6-14	7						

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Analytical Results For:

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

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

08/26/2019 Soil

Cool & Intact

Tamara Oldaker

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	% 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	1740	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	67.5	% 41-142							
Surrogate: 1-Chlorooctadecane	73.3	% 37.6-14	7						

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Analytical Results For:

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

Received: Reported: 08/26/2019

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By:

08/26/2019

Soil

Cool & Intact Tamara Oldaker

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

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	% 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	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	% 41-142	<u> </u>						
Surrogate: I-Chlorooctadecane	92.3	% 37.6-14	7						

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Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: BIG KICK #1 BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

08/26/2019

Soil

Cool & Intact

Sample Received By: Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	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	% 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
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	73.2	% 41-142	?						
Surrogate: 1-Chlorooctadecane	81.4	% 37.6-14	7						

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Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/26/2019

09/03/2019

Reported: Project Name:

BIG KICK #1 BATTERY

Project Number: Project Location:

NONE GIVEN

NOT GIVEN

Sampling Date:

08/26/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: W 5 32.5785228-103.1049806 (H902936-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	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, 5M4500CI-B	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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	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	83.4	% 41-142	?						
Surrogate 1-Chlorooctadecane	89.6	% 37.6-14	7						

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Analytical Results For:

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

Received:

08/26/2019

Reported:

09/03/2019

Project Name:

BIG KICK #1 BATTERY

Project Number: Project Location: NONE GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

08/26/2019

Soil

Cool & Intact

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Umit	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	Analyze	d 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 DRQ >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	74.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	81.6	% 37.6-14	7						

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Analytical Results For:

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

Received: 08/26/2019 Reported: 09/03/2019

BIG KICK #1 BATTERY Project Name: Project Number: NONE GIVEN

Project Location: **NOT GIVEN** Sampling Date:

08/26/2019 Sampling Type:

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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	Analyze	d 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	% 41-142	2						
Surrogate: 1-Chlorooctadecane	85.4	% 37.6-14	7						

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Analytical Results For:

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

Fax To:

(575) 393-2432

Received:

08/26/2019

Sampling Date: Sampling Type: 08/26/2019

Reported:

09/03/2019

Soil

Project Name: Project Number: **BIG KICK #1 BATTERY** NONE GIVEN

Sampling Condition:

Cool & Intact

Project Location:

NOT GIVEN

Sample Received By:

Tamara Oldaker

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

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 (PIC	104	% 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	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	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	75.5	% 41-142	,						
Surrogate: 1-Chlorooctadecane	82.0	% 37.6-14	7						

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any other cause whatsoever shall be deemed minred unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be flable for incidental or consequential dan 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

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Analytical Results For:

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

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

NONE GIVEN

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 08/26/2019

Soil

Cool & Intact 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	NĐ	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	ark di diserrati di sensi di sensi di sense sensa de del di sederali del Pelindere de desir					
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	% 41-142	2						
Surrogate: I-Chlorooctadecane	88.2	% 37.6-14	7						

Cardinal Laboratories

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Analytical Results For:

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

Received: Reported: 08/26/2019

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY** NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

08/26/2019

Soil

Cool & Intact

Tamara Oldaker

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 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	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	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 DRQ >C28-C36	<10.0	10.0	08/31/2019	ND					
Surrogate: 1-Chlorooctane	76.5	% 41-142	!						
Surrogate: 1-Chlorooctadecane	79.9	% 37.6-14	7						

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Analytical Results For:

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

Received: Reported: 08/26/2019

09/03/2019

Project Name: Project Number: BIG KICK #1 BATTERY

Project Location:

NONE GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

08/26/2019

Soil

Cool & Intact

Tamara Oldaker

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

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	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	Qualifier
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	7						

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Analytical Results For:

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

Received:

08/26/2019

Reported:

09/03/2019

Project Name:

BIG KICK #1 BATTERY

Project Number: Project Location: NONE GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Soil

Sampling Condition: Sample Received By: Cool & Intact

08/26/2019

Tamara Oldaker

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	% 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	% 41-142							
Surrogate: I-Chlorooctadecane	56.5	% 37.6-14	7						

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Analytical Results For:

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

Received:

08/26/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

08/26/2019

Soil

Cool & Intact Tamara Oldaker

Sample ID: W 9 32.8783280-103.1040900 (H902936-21)

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	Analyze	d 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	08/30/2019	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	% 41-142	h						
Surrogate: 1-Chlorooctadecane	81.9	% 37.6-14	7						

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Analytical Results For:

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

Received:

08/26/2019

Sampling Date:

08/26/2019

Reported:

09/03/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Project Name: Project Number:

BIG KICK #1 BATTERY NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	Analyze	d By: MS			_		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2019	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	% 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	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	85	% 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*	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	% 41-14:	?						
Surrogate: 1-Chlorooctadecane	59.1	% 37.6-14	17						

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Analytical Results For:

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

Received: Reported: 08/26/2019

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN **NOT GIVEN**

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact

08/26/2019

Soil

Tamara Oldaker

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	Qualifier
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	% 41-143	?						
Surrogate: 1-Chlorooctadecane	85.6	% 37.6-14	7						

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any other cause whatsoever shall be deemed waved unless made in writing and niceived by Cardinal within theiry (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 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 Laboratones.

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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.

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:		BILL TO	ANALYSIS REQUEST	
Project Manager: Je Brand Randon	P.O. #:			
Address:	Company			
city: 10blos State: 11/4	LL Zip: 88240 Attn:			
Phone #: Fax #:	Address:			
Project #: Project Owner:	City:			
Project Name:	State:	Zip:		
Project Location: Dick Back	AL #1 Phone #:			
Sampler Name: ()	Fax #:			
A'tho isn Brisos	MATRIX PRESERV	SAMPLING		
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Lab I.D. Sample I.D.	ONTAINE OUNDWA STEWATI		976	
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Sampler - UPS - Bus - Other: Butter 3.6c	* T. C.	,6		

Sampler - UPS - Bus - Other:

Sample Condition Cool Intact Gres Gres No No

CHECKED BY: (Inktials)

Delivered By: (Circle One) 2.20

Time:

Received By:

Januara Selkar

Relinquished By





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 27 of 28

(675) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240

Company Name: House In L		BILL TO	ANALYSIS	ANALYSIS REQUEST
roject Manager:	Treby .	P.O. #:		
\ddress:		Company:		
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hone #:	Fig.x at:	Address:		
roject #:	Project Owner:	City:	2000	
roject Name:		State: Zip:		
roject Location: Right	1 # 1D1 # 1	Phone #:		
iampler Name:	20 C)	Fax #:	/	
FOR LAB USE DALY	MATRIX	PRESERV SAMPLING	4	
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	Time; ; (C)	White I		



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (675) 393-2476

company Name: TOCLCAS	•	BILL TO	ANALYSIS REQUEST
Project Manager: BILLICE Bullet	Acade at Brown	P.O. #	
\ddress:	0	Company:	
Hobos	State: 11 Zip: 82940	Attn:	
hone #:	Tax 4:	Address:	
Project #:	Project Owner:	City:	
roject Name:		State: Zip:	
roject Location: (1) (1)	PALCON H	*	
Sampler Name: (1)	713	可8X 株:	
FOR LAB LISE CALLY	OMP.	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C) # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE ICE COOL OTHER: DATE TIME CI EXTT	
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shed By	Date: CAR Received By: Date: Received By:	Phone Result: Yes Fax Result: Yes REMARKS:	□ No Add'i Fax #:
Delivered By: (Circle One)		ON CHECKED BY:	

Page 28 of 28



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.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.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: Reported: 08/27/2019

09/03/2019

Project Name: Project Number: Project Location: BIG KICK #1 BATTERY NONE GIVEN

NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 08/27/2019

Soil

Cool & Intact Tamara Oldaker

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

BTEX 8021B	mg/	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	1.98	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 (PIL	85.3	% 73.3-12	9		//-				
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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-Chloroactane	107	% 41-142	?						
Surrogate: 1-Chlorooctadecane	113	37.6-14	7						

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Analytical Results For:

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

Received:

08/27/2019

Reported:

09/03/2019

Project Name: Project Number: **BIG KICK #1 BATTERY**

Project Location:

NONE GIVEN NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

08/27/2019

Soil

Cool & Intact Tamara Oldaker

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

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	08/31/2019	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	1.98	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	% 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	384	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	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 :	% 41-142	?						
Surrogate: 1-Chlorooctadecane	135	% 37.6-14	7						

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Change trans

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

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

Cardinal Laboratories *=Accredited Analyte

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Change trans

Sampler - UPS - Bus - Other:

respected 3.72



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: 11000000		BILL TO	AM	ANALYSIS REQUEST	
Project Manager: Je Plan Boxxxxx	P.O. #:				١
9	Company:	ny:			
City: 12000 State: W.M.	State: \\ \ Zip: \\ SOUO Attn:				
Phone #: Fax #:	Address:	35			
Project #: Project Owner:	City:				
Project Name:	State:	Zip:			
Project Location: Big hick Retter 1	件/ Phone #:	*			
Sampler Name: 1/20 (1/20 (1/20 (1/20)))	Fax#:				
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	4/		
Lab I.D. Sample I.D.)RAB OR (É)OM CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE THER:	E)COOL HER:	N/ BTEX		
1 3 13 2012 1030	-, -/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/		
52.57	C -	V 8/27 9.04			
		4			

PLEASE NOTE: Liability and Damager. Cardina's liability and clearity exclusive remark les any claim stratog whether based in contract or not, shall be limited to the arrowing paid by the clear for it has peaked. All claims including those for negligence and any other cause whatever shall be deemed water of under his wiring and inclined by Cardinal within 30 days after completion of the applicable sarrics, in no event shall Cardinal be liable for incidental or consequential damages, including without furthers, business interruptions, less of use, or loss of profits incurred by ofen, its subsidiaries, sarrics, in no event shall Cardinal be liable for incidental or consequential damages, including without furthers, business interruptions, less of use, or loss of profits incurred by ofen, its subsidiaries, sarrics. Rainquished By: Relinquished By: Delivered By: (Circle One) υ υ L6/8 Bag Time: 5...83 Time: services hereunder by C Received By: Received By: Sample Condition Cool Intact Cool Intact Ves Tres CHECKED BY: (Initials) Phone Result:
Fax Result:
REMARKS: Emeril Regults

☐ Yes 8 8 8 Add'l Phone #: Add'l Fax #:



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/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.

Celeg D. Keena

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

10/24/2019 Reported: 10/31/2019

BIG KICK BATTERY Project Name: Project Number: NONE GIVEN

Project Location: **NOT GIVEN** Sampling Date:

10/22/2019 Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

Received:

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	98.5	% 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	% 41-142	}						
Surrogate: 1-Chlorooctadecane	107	% 37.6-14	7						

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*=Accredited Analyte

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 liable for incidental or consequential diamages, including, without limitation, business interruptions, loss of use, or loss of use, or loss of profits incurred by client, its autosidanes, affiliates or successors arising out of or related to the performance of the services hereignder by Cardinal, regardless of whether such

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Analytical Results For:

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

Received:

10/24/2019

Reported: Project Name: 10/31/2019 **BIG KICK BATTERY**

Project Number: Project Location: NONE GIVEN **NOT GIVEN**

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 10/22/2019 Soil

Cool & Intact

Tamara Oldaker

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

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 (PIC	98.8	73.3-12	9						
Chioride, 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	
ТРН 8015М	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	6 41-142							
Surrogate 1-Chlorooctadecane	110 9	6 37.6-14	7						

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10/22/2019

Soil

Analytical Results For:

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

Received: 10/24/2019 Sampling Date: Reported: 10/31/2019 Sampling Type:

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	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	99.5	% 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	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
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 9	% 41-142							
Surrogate: 1-Chlorooctadecane	113 9	37.6-14	7						

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Analytical Results For:

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

Received:

10/24/2019

Reported:

10/31/2019 **BIG KICK BATTERY**

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

10/22/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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 (PIC	97.85	% 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	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	% 37.6-14	7						

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Analytical Results For:

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

Received:

10/24/2019

Reported:

10/31/2019

Project Name: Project Number: **BIG KICK BATTERY NONE GIVEN**

Project Location:

NOT GIVEN

Sampling Date:

10/22/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d By: M5					
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
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	103 5	6 41-142	i.						
Surrogate: 1-Chlorooctadecane	106	37.6-14	7						

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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

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along the same

Delivered By: (Circle One) 4,9

CHECKED BY: (Initials)

Larry Baker @ Afoche Corp. com

Time:

16-24-19 Time: Date:

Fex. Result: D Yes D No Add'l Phone #:

Fex. Result: D Yes D No Add'l Phone #:

Fex. Result: D Yes D No Add'l Fax #:

REMARKS:

K NOW YOU E TO HUNGY - Horse COM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

THE GIVE LAND	BILL TO	ANALYSIS REQUEST
Project Manager:	P.O. #:	
Address:	Company: Affiche Corp	
City: State:		
Phone #: Fax #:	Address: 2350 Malland	
Project #: Project Owner:		
Project Name: Bix Kick Rotter	1 State: NMZp: 85240	
Project Location: Cont. C.	Phone #: 432-631-698	
Sampler Name:	Fax #:	
FOR LAB USE DALY	MATRIX PRESERV SAMPLING	
Lab I.D. Sample I.D.	R: IASE: OOL	prides Lex DH
H903654	# CON GROUI	Che BH TE
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PLEASE NOTE; Lithday and Darmages, Cardina's Indiday and elect's anchaire namely in	PLEASE NOTE: Usbday and Damages. Condima's lastility and dispert methods o terrory for any datin arriving wholest began in contract or but said to formed to be a sourced and but the dispert of the said to formed to be a sourced and but the dispert of the said to formed to be a sourced and but the dispert of the said to formed to be a sourced and but the dispert of the said to formed to be a sourced and but the dispert of the said to formed to be a sourced and but the said the said to be a sourced and but the said the	
emaines. All chains: including these for engigence and any other cause whethouser shall be described valued in writing and included by Cardinal within 10 from a feat result.	e decreed valued units; made is writen and marked by Caedinal wows to easy the second	

Received by OCD: 2/4/2020 2:13:55 PM

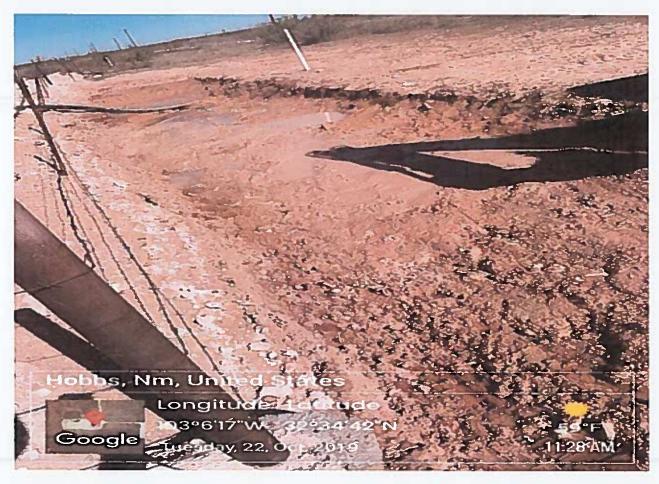
Big Kick Battery Photos



Area excavated with new installed berm



Area excavated with new installed berm



Pasture Excavation