

303 Veterans Airpark Lane Midland, TX 79705

# Amended Remediation Plan

June 23, 2022 Re: Jr. Phillips #8 Case: nAPP2125058409

# Background:

On 8/26/2021 a release occurred due to a steel flow line failed. The release (GPS: 32.604069, -103.305276) is located west of Monument, New Mexico in unit letter G section 1 township 20S range 36E. A groundwater survey was conducted utilizing NMOSE wells of record. The nearest well of record suggest the groundwater depth below the release to be 35 feet below ground surface.

On 9/27/2021 through 10/19/2021 vertical delineation was conducted in regular intervals utilizing a backhoe to depths of 2, 16, and 20 feet. All vertical samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Horizontal 5 point surface field samples were collected not exceeding 200 square feet and titrated for chlorides. Laboratory results on the horizontal samples were above table one standards for TPH. On 11/29/2021 further 5-point surface composite samples were collected and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX

# **Remediation Plan:**

Apache Corporation proposes that the area around SP1 be excavated to a depth of 20 feet. The area around SP2 be excavated to a depth of 16 feet. The area around SP3 be excavated to a depth of 2 feet. Final 5 -point bottom and wall samples will be collected not to exceed 200 square feet and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. All excavated material (2500 yards) will be hauled to an OCD approved disposal facility. Once laboratory results confirmed table one standard for releases less than 50 feet to groundwater the release area will be backfilled with clean imported caliche and the top four feet with clean imported topsoil to ground surface and contoured to the surrounding area. The disturbed area will be reseeded in accordance with the surface landowner. The remediation will be completed within 90 days of OCD approval of the plan.

# Amended Remediation Plan:

The area around SP 2 has been excavated to a depth of 16.5 to 17 feet below ground surface. Final bottom samples collected were above table one standards for chlorides at B7, B8, B12, B13, B14, B15. Final wall samples were above table one standards for chloride at W4, W7, W11, W13, W14, and W16. A vertical was advanced at B7, and samples were collected in twofoot intervals to a depth of 26 feet. All samples collected were submitted to a commercial laboratory for analysis of chloride. Chloride levels were above table one standards.

#### Received by OCD: 6/24/2022 12:00:16 AM

Page 2 of 201 The area around SP 1 was excavated to a depth of 8 feet. Two verticals were conducted with samples collected every two feet. SP4 was advanced to a depth of 26 feet and SP5 was advanced to a depth of 22 feet. All samples collected were submitted to a commercial laboratory for analysis of chloride. Chloride levels were above table one standards at a depth of 22 feet at SP5. On 6/2/2022 SP6, SP7, and SP8 were vertically delineated to a depth of 25 feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX.

Apache Corporation proposes that all walls be excavated to table one standards. The area around SP1 be further excavated to a depth of 20 feet. Final 5-point bottom composite samples will be collected not to exceed 200 square feet. All samples collected will be submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. The excavation will be backfilled to a depth 4 feet. A PVC conduit will be set in the area of SP 6. A variance to the rule is requested to install a 20 mil re-enforced liner across the entire excavation and clued to the PVC conduit. Then the area will be backfilled with clean imported soil in accordance with 19.15.29 NMAC. A temporary well will be installed in the conduit to test the groundwater beneath the release. The disturbed area will be re-seeded in consultation with the surface owner. The remediation will be completed within 45 days of OCD approval of the amended remediation plan. The temporary well will be completed within 90 days of OCD approval of the remediation plan.

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

Submitted by.

Bruce Baker

Environmental Technician Sr Staff larry.baker@apachecorp.com Cell# 432-215-2284

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?	(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 <b>not</b> 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
- $\overline{\nabla}$  Data table of soil contaminant concentration data
- $\checkmark$  Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
  - Photographs including date and GIS information
- Z Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

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

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Received by OCD: 6/24 Form C-141 Page 4	/2022 12:00:16 AM State of New Mexic Oil Conservation Divi		Incident ID District RP Facility ID Application ID	Page 4 of				
regulations all operators public health or the envi failed to adequately invo addition, OCD acceptan and/or regulations.	information given above is true and complete are required to report and/or file certain rele ronment. The acceptance of a C-141 report lestigate and remediate contamination that pos- ce of a C-141 report does not relieve the oper / Baker	ase notifications and perform by the OCD does not relieve the se a threat to groundwater, sur rator of responsibility for com	and understand that pursu corrective actions for relea he operator of liability sho face water, human health	ases which may endanger ould their operations have or the environment. In				
Signature: Larr	/Baker y Baker	Date: 11/30/2021						
<sub>email:</sub> larry.baker	⁄ @apachecorp.com	Telephone: 432-2						
OCD Only								
Received by:		Date:						

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Oil Conservation Division

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Incident ID		
District RP		
Facility ID		

Application ID

6201

# **Remediation Plan**

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

Detailed description of proposed remediation technique

Scaled sitemap with GPS coordinates showing delineation points

 $\overline{\mathbf{\nabla}}$  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)

<b>Deferral Requests Only:</b> Each of the following items must be conjugated as the second	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around prodeconstruction.	oduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file co which may endanger public health or the environment. The acceptar liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local la	ertain release notifications and perform corrective actions for releases nee of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, neceptance of a C-141 report does not relieve the operator of
Printed Name: Larry Baker	Title: Environmental Tech SR.
Signature: Larry Baker	Date: 06/23/2022
Signature: Larry Baker email: larry.baker@apachecorp.com	Telephone: 432-215-2284
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved
<u>Signature:</u> Jennifer Nobui	Date: 07/07/2022



1:4513

Released to Imaging: 7/7/2022 9:23:35 AM



L-05766-X9

L:03814





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

			(quarters a (quarters				W 4=SE) st)	(NAD83 U	JTM in meters)	
Well Tag	POD	Number	Q64 Q1	6 Q4	Sec	Tws	Rng	Х	Y	
	L 03	3814	2 2	2	01	20S	36E	659488	3609171*	
Driller Lic	ense:	208	Driller Co	ompany		VA	N NOY,	W.L.		
Driller Nar	me:									
Drill Start	Date:	09/03/1958	Drill Finis	sh Date	:	0	9/04/1958	3 P	lug Date:	
Log File Da	ate:	09/15/1958	PCW Rev	Date:				S	ource:	
Pump Type	e:		Pipe Discl	harge S	ize:			Estimated Yield:		
Casing Size	e:	6.00	Depth We	ell:		6	) feet	D	epth Water:	40 feet
	Wate	er Bearing Stratif	ications:	Тор	В	ottom	Descrij	ption		
				55		60	Sandsto	one/Grave	el/Conglomerate	;
		Casing Pert	forations:	Тор	B	Bottom				
				40	)	60				

#### \*UTM location was derived from PLSS - see Help

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

11/29/21 3:01 PM

POINT OF DIVERSION SUMMARY



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

	<b>D Number</b> 12432 POD1	(quarters are 1=NW (quarters are small <b>Q64 Q16 Q4 S</b> 3 2 1 0	est to largest)	(NAD8:	3 UTM in meters) X Y 06 3608985	•	
Driller License: Driller Name:	225 JOHN AGUIRRE	Driller Company:	RODG	ERS & CO., ]	INC.		
Drill Start Date:	06/12/2009	Drill Finish Date:	06/12	2/2009	Plug Date:		
Log File Date:	07/13/2009	PCW Rcv Date:			Source:	Shallow	
Pump Type:		Pipe Discharge Si	ze:		Estimated Yield:	:	
Casing Size:	4.00	Depth Well:	45 fe	et	t Depth Water:		
Wa	ter Bearing Stratifica	tions: Top 6 36		<b>Description</b> Other/Unknow Other/Unknow			

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

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POINT OF DIVERSION SUMMARY





Iat 32.604713° Ion -103.306115° elev 3576 ft eye alt 3854 ft

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					De	elineation Sa	amples					
Sample	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenz	Total	Total	GRO	DRO	EXT DRO	GPS
Date			Lab			ene	Xylenes	BTEX				Coordinates
												32.6040445,
9/27/2021	SP1	Surface	368	<0.050	<0.050	<0.050	2.79	2.79	313	26,500	8,100	-103.3052805
		2'	720	<0.050	<0.050	<0.050	2.79	2.79	156	1850	314	
		4'	560	<0.050	<0.050	<0.050	8.43	8.43	391	3,060	579	
		6'	1010	<0.050	<0.050	<0.050	1.91	1.91	126	1,150	154	
		8'	512	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.2	<10.0	
		10'	1340	<0.050	<0.050	<0.050	2.52	2.52	167	1,960	359	
		12'	1520	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	109	<10.0	
10/5/2021		14'	1550	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.8	<10.0	
		16'	1390	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.5	<10.0	
10/19/2021		18'	1500									
		20'	32									
												32.6039448,
9/27/2021	SP2	Surface	832	<0.050	<0.050	<0.050	1.23	1.23	162	11,600	3,730	-103.3052132
		2'	304	< 0.050	<0.050	<0.050	3.29	3.29	90	1,160	270	
		4'	544	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
		6'	1620	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
		8'	944	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	53.4	<10.0	
10/5/2021		10'	1120									
		12'	1170									
		14'	752									
10/19/2021		16'	336									
												32.6038033,
9/27/2021	SP3	Surface	80.0	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13,500	4,470	-103.3051867
		2'	16.0	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
9/27/2021	H1	Surface	320	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.1	89.9	
	H2	Surface	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	130	142	
												32.604021,
11/30/2021	H1	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.305378
												32.604041,
	H2	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.305122

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#### TABLE 1 APACHE CORPORATION JR PHILLPS #8

SAMPLE ID	-AB ID NUMBE	SAMPLE DEPH	SAMPLE DATE	SAMPLE TYPE	BENZENI	TOLUENE mg/ kg	ETHYL- BENZEN (mg/ kg)	XYLENES mg/kg	TOTAL BTEX (mg/kg)	GRO C 6-C 10	DRO C 6-C 10	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
W-1 WALL	H220875-01	0-2'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
W-2 WALL	H220875-02	2-16'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	384
W- 3 WALL	H220875-03	0-16'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.7	<10.0	14.7	256
W-4 WALL	H220875-05	0-16'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	704
W-4 WALL	H221459-01	0-16' 6"	04-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	736
W- 5 WALL	H220875-06	0-16'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W- 6 WALL	H220875-07	16'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	544
W-7 WALL	H220875-08	0-16'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	768
W- 7 WALL	H221459-05	0-16' 6"	04-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
W- 8 WALL	H220897-03	0-16'	03-07-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	384
W- 9 WALL	H220923-01	0-16'	03-08-2022	COMP	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
W- 10 WALL	H220923-02	0-16'	03-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
W- 11 WALL	H220897-01	0-16'	03-07-2022	COMP	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	720
W- 11 WALL	H221459-02	0-16' 6"	04-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
W- 12 WALL	H220897-02	0-16'	03-07-2022	COMP	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
W- 13 WALL W- 13 WALL	H220897-04 H221459-03	0-16' 0-16' 6"	03-07-2022 04-08-2022	COMP COMP	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	784 720
W-13 WALL	H221439-03	0-16 6	03-07-2022	COMP	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	720
W-14 WALL	H220897-05 H221459-04	0-16' 6"	03-07-2022	COMP	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
W- 15 WALL	H220923-03	0-16'	03-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	496
W- 16 WALL	H220897-05	0-16'	03-07-2022	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	1090
W- 16 WALL	H221459-06	0-16' 6"	04-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	17.0	17.0	576
W- 17 WALL	H220953-09	0-16'	03-092022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
W- 18 WALL	H220953-10	0-16'	03-092022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
W- 19 WALL	H220953-07	0-16'	03-092022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
W- 20 WALL	H220897-09	0-16'	03-092022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
W-21 WALL	H220897-10	0-16'	03-07-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
W- 22 WALL	H220979-04	0-22'	03-102022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
W- 23 WALL	H220979-05	0-22'	03-102022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
W-24 WALL	H220979-07	0-22'	03-102022	COMP	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	448
W- 25 WALL	H220979-08	0-22'	03-102022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	464
W- 26 WALL	H220979-06	0-22'	03-102022	COMP	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	656
W- 27 WALL	H220979-09	0-22'	03-102022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	496
W- 28 WALL	H220979-10	0-22'	03-102022	COMP	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	432
W- 29 WALL	H220979-11	0-22'	03-102022	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	416
W- 30 WALL	H220979-12	0-22'	03-10-2022	COMP	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
W- 31 WALL	H220979-13	0-22'	03-102022	COMP	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80.0
W- 32 WALL	H220979-14	0-22'	03-102022	COMP	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	96.0

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W- 33 WALL	H220979-15	0-22'	03-102022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	67.4	20.6	88	208.0
B-1 FLOOR	H220875-04	2'	03-04-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.2	<10.0	39.2	80.0
B- 2 FLOOR B- 2 FLOOR	H220875-09 H221430-01	16' 16' 6"	03-04-2022 04-07-2022	COMP COMP	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<b>688</b> 288
B- 3 FLOOR	H220897-06	16'5"	03-07-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B- 4 FLOOR	H220923-04	16'8"	03-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.2	39.6	79.2	400
B- 5 FLOOR	H220923-05	16'5"	03-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	24.8	24.8	416
B- 6 FLOOR	H220923-06	16'5"	03-08-2022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	592
B- 7 FLOOR B- 7 FLOOR	H220923-07 H221430-02	16' 16' 6"	03-08-2022 04-07-2022	COMP COMP	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	768 1150
B- 8 FLOOR B- 8 FLOOR	H220923-08 H221430-03	16' 16' 6"	03-092022 04-07-2022	COMP COMP	0.060 <0.050	0.172 <0.050	0.060 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	752 960
B-9 FLOOR	H220953-01	16'5"	03-092022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 10 FLOOR	H220953-02	16'5"	03-092022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B- 11 FLOOR	H220953-03	16'5"	03-092022	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0

•

SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE	ETHYL-BENZEN	TOTAL XYLENES	TOTAL BTEX	GRO	DRO	EXT DRO C 28- C36	ТРН	CHLORIDE
SAMPLEID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	mg/kg	(mg/kg)	mg/kg	(mg/kg)	C 6-C 10	C 6-C 10	C 28- C36 (mg/kg)	C6-c36 (mg/kg)	(mg/kg)
SP-4	H221058-01	8'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	(mg/kg) 12.4	<10.0	12.4	432
SP-4	H221058-02	10'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		272
SP-4	H221058-03	12'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		832
SP-4	H221058-04	14'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		720
SP-4	H221058-05	16'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		752
SP-4	H221058-06	18'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		208
SP-4	H221058-07	20'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		560
SP-4	H221457-01	22'	4/8/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		880
SP-4	H22457-02	24'	4/8/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		1040
SP-4	H22457-03	26'	4/8/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		576
SP-5	H221058-08	8'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		128
SP-5	H221058-09	10'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	16.4	<10.0	16.4	656
SP-5	H221058-10	12'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	21.9	<10.0	21.9	560
SP-5	H221058-11	14'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		224
SP-5	H221058-12	16'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		400
SP-5	H221058-13	18'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		1280
SP-5	H221058-14	20'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		13300
SP-5	H221058-15	22'	3/16/22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		704
SP-6	H222342-01	10'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		1070
SP-6	H222342-02	12'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	124	1090	236	1450	912
SP-6	H222342-03	14'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	24.8	<10.0	24.8	752
SP-6	H222342-04	16'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	28.2	<10.0	28.2	1150
SP-6	H222342-05	18'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	28.8	<10.0	28.8	1470
SP-6	H222342-06	20'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0		1630
SP-6	H222342-07	22'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		1570
SP-6	H222342-08	24'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		800
SP-6	H222342-09	25'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		736
SP-7	H222342-10	10'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		608
SP-7	H222342-11	12'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		304
SP-7	H222342-12	14'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	20.1	<10.0	20.1	672
SP-7	H222342-13	16'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		672
SP-7	H222342-14	18'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		608
SP-7	H222342-15	20'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		560
SP-7	H222342-16	22'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		176
SP-7	H222342-17	24'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0		112
SP-7	H222342-18	25'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0		160
SP-8	H222342-19	10'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	278	58.6	336.6	1410
SP-8	H222342-20	12'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0	12.6	<10.0	12.6	1250
SP-8	H222342-21	14'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	58.5	11.9	70.4	1650
SP-8	H222342-22	16'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0		1150
SP-8	H222342-23	18'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	65.5	776	170	1011.5	1360
SP-8	H222342-24	20'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	10.9	12.7	23.6	1200
SP-8	H222342-25	22'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	12.2	<10.0	12.2	960
SP-8	H222342-26	24'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0		672
SP-8	H222342-27	25'	6-2-22	Grab	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0		432
B7	H221545-01	18'	4/13/22	Grab										1010
B7	H221545-02	20'	4/13/22	Grab										976
B7	H221545-03	22'	4/13/22	Grab		_					_			784
B7	H221545-04	24'	4/13/22	Grab										768
B7	H221545-05	26'	4/13/22	Grab										704





March 10, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 03/04/22 16:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

## Sample ID: W 1 BGS 0-2' (H220875-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 2 BGS 2-16' (H220875-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	107 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106 9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 3 BGS 0-16' (H220875-03)

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	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	14.7	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.0	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 1 @ 2' (H220875-04)

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	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 4 BGS 0-16' (H220875-05)

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	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					
Surrogate: 1-Chlorooctane	104 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 5 BGS 0-16' (H220875-06)

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	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.7	% 59.5-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 6 BGS 0-16' (H220875-07)

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	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	78.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.5	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 7 BGS 0-16' (H220875-08)

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	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.6	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 2 @ 16' (H220875-09)

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	03/09/2022	ND	2.13	106	2.00	6.61	
Toluene*	<0.050	0.050	03/09/2022	ND	2.13	107	2.00	7.11	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.12	106	2.00	6.73	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.53	109	6.00	6.03	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	03/09/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.0	% 59.5-14	2						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

QR-04	The RPD for the BS/BSD was outside of historical limits.
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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 27 of 201

City:

Fax #:

State:

Zip:

Project Owner:

City:

Address:

State:

Zip:

Address:

Project #: Phone #:

Sampler Name:

FOR LAB USE ONLY

H220875

0

3

BG50-2'

3

Lab I.D.

Sample I.D.

GIRAB OR (C)OMP # CONTAINERS GROUNDWATER

WASTEWATER

SOIL OIL SLUDGE

OTHER

ACID/BASE:

ICE / COOL

OTHER

20 DATE

9:28 5:30

TIME

BIEY

EXT

Project Location: Project Name:

> 0 A

MATRIX

PRESERV

SAMPLING

TPM

Fax #:

Phone #:

Project Manager:

Server a

Company Name:

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P.O. #:

BILL TO

ANALYSIS

REQUES

Company: Hpcc

Attn: Bruce.

5

101 East Marland, Hobbs, NM 88240

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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PLEASE NOTE: Lia bility and Dan ages. Card and any other caus shall 30 days after the client for the mpletion of the applicable

analyses. All claims in no including those for negligen shall Cardinal be ljable for it 9 ncurred by client, its subsidiaries

outo	ce of services hereunder by Cardinal, r	yor related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or unrenvoed and the services of the services	ny of the above stated reas	Verbal Result: 2 Yes	Yes INO Add'I Phone #:	d'I Phone #:
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Relinguished By. Mullu	Date: R	Received By:		REMARKS:		
	Time:				7	
Delivered By: (Circle One)	Observed Temp. °C 5.0	Sample Condition	CHECKED BY:	Turnaround Time:	Standard X	Standard (M) Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other: C	Corrected Temp. °C 4,5		A	Thermometer ID #113 Correction Factor -0.5°C		☐ Yes ☐ Nc ☐ No Corrected Temp. °C

Corrected Temp. °C 4,5

☐ Yes ☐ Yes ☐ No ☐ No

Thermometer ID #113 Correction Factor -0.5°C

Released to Imaging: 7/7/2022 9:23:35 AM

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



March 11, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 03/07/22 16:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 11 BGS 0-16' (H220897-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	03/09/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	76.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 12 BGS 0-16' (H220897-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/09/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	90.2 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.1 9	59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 8 BGS 0-16' (H220897-03)

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	03/09/2022	ND	1.95	97.3	2.00	8.95	
Toluene*	<0.050	0.050	03/09/2022	ND	1.95	97.5	2.00	9.53	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.88	93.8	2.00	9.37	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.84	97.3	6.00	8.69	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/09/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	87.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.5	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 13 BGS 0-16' (H220897-04)

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	03/09/2022	ND	1.95	97.3	2.00	8.95	
Toluene*	<0.050	0.050	03/09/2022	ND	1.95	97.5	2.00	9.53	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.88	93.8	2.00	9.37	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.84	97.3	6.00	8.69	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	03/09/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	75.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.1	% 59.5-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 14 BGS 0-16' (H220897-05)

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	03/09/2022	ND	1.95	97.3	2.00	8.95	
Toluene*	<0.050	0.050	03/09/2022	ND	1.95	97.5	2.00	9.53	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.88	93.8	2.00	9.37	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.84	97.3	6.00	8.69	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	03/09/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	75.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.9	% 59.5-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 3 @ 16' 5" (H220897-06)

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	03/09/2022	ND	1.95	97.3	2.00	8.95	
Toluene*	<0.050	0.050	03/09/2022	ND	1.95	97.5	2.00	9.53	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.88	93.8	2.00	9.37	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.84	97.3	6.00	8.69	
Total BTEX	<0.300	0.300	03/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/09/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	24.7	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.6	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tot, shall be limited to the amount paid by the client for the service. In one event shall cardinals including those for incidental or consequential damages, including whether based in contract or tot, shall be limited to the amount paid by the client for the service shall cardinal to the performance of services hereinder by Cardinal regardles or successors asking out of or related to the performance of services hereinder by Cardinal regardles or whether such client is based upon any of the above stated regions of the appletion of the appletinet of the appletion of the appletion of the appletine	Sample I.D.     Sample I.D.       Fax #:     Project Owner:       Project Owner:     Project Owner:	rland, Hobbs, NM 88240 1326 FAX (575) 393-2476
dusive remely for any claim arising whether based in contract or tert, shall be limited to the amount pade by the client for the above shall be limited to the amount pade by the client for the application of the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be limited to the amount pade by the client for the application. The above shall be above shal	$\begin{array}{c} \text{ICE / COOL} \\ \text{ISERV.} \\ \text{SIC / COOL} \\ \text{OTHER:} \\ \text{SIC / COL} \\ S$	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST BILL TO ANALYSIS REQUEST


March 14, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 03/08/22 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 9 BGS 0-16' (H220923-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.8	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 10 BGS 0-16' (H220923-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 15 BGS 0-16' (H220923-03)

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	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.4	% 59.5-14	2						

### Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 4 @ 16' 8" (H220923-04)

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	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	21.2	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	39.6	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 5 @ 16' 5" (H220923-05)

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	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	24.8	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 6 @ 16' 5" (H220923-06)

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	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	115 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	59.5-14	2						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 7 @ 16' (H220923-07)

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	03/12/2022	ND	2.03	101	2.00	5.47	
Toluene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	5.33	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	5.03	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.21	104	6.00	5.01	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.8	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 8 @ 16' (H220923-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.060	0.050	03/12/2022	ND	2.03	101	2.00	5.47	
Toluene*	0.172	0.050	03/12/2022	ND	2.02	101	2.00	5.33	
Ethylbenzene*	0.060	0.050	03/12/2022	ND	2.02	101	2.00	5.03	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.21	104	6.00	5.01	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	03/11/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	110 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# 101 East Marland, Hobbs, NM 88240 フロ orator IPS

Project Manager: Justin R.

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

Project Name:

Project #: Phone #:

Sampler Name: Project Location:

hillips #8 escie le

7

MATRIX

PRESERV.

SAMPLING

Fax #: Phone #:

FOR LAB USE ONLY

HZJOGZ

Lab I.D.

OR (C)OMP

city: Hoblos

Fax #:

State: NV

210:22 3cl0

Company: Apuchel Attn: Bruck B.

Address

P.O. #:

BILL TO

ANALYSIS

REQUEST

Project Owner:

State: City:

Zip:

.

Address:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

## Released to Imaging: 7/7/2022 9:23:35 AM

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8 51 0 16	NO LSI	B6 216'S"	35 @ 16' 5"	B4 @16 8"	N153650-10	W10 365 0-16	w9 365 0-16	Sample I.D.
0	C	0	0	C	0	0	0	(G)RAB OR (C)OM
1	-		1	1	-	~	-	# CONTAINERS
								GROUNDWATER
-	-							WASTEWATER
 -			-	-	-	-	-	SOIL
			-					SLUDGE
		-						OTHER :
								ACID/BASE:
/	/		~	-	-	-	-	ICE / COOL
-								OTHER :
3/8	2 S	200	3/8	815	218	38	88	DATE
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×	8	×	X	X	X	X	$\times$	CX# TPH
8:	5	×	X	X	X	$\times$	$\times$	BTEX

Refinduished B service. In no event sha analyses. All claims in of use, or loss ed by client, its s

LEASE NOTE: Liabi

Refinquished By:	Time: Date:	Received By:	Maker	All Results are emailed. Please provide Email address: REMARKS WSH'n Brwch	ailed. Please provide Email addre	WSHIM BUNCH JOWN
	Time:				-	
Delivered By: (Circle One) Ot	Observed Temp. °C 2. 2	2.3 Sample Condition	(Initials)	Turnaround Time:	Standard X	Cool Intact Observed Temp °C
Sampler - UPS - Bus - Other: Co	Corrected Temp. °C /, S	S AYes AYes	J.	Thermometer ID #113		ŝ

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



March 14, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 03/09/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 9 @ 16' 5" (H220953-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 10 @ 16' 5" (H220953-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	100 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	59.5-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 11 @ 16' 5" (H220953-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 12 @ 16' 5" (H220953-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6	% 59.5-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 16 BGS 0-16' (H220953-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 19 BGS 0-16' (H220953-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 20 BGS 0-16' (H220953-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 21 BGS 0-16' (H220953-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 17 BGS 0-16' (H220953-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.5	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 18 BGS 0-16' (H220953-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2022	ND	209	105	200	14.9	
DRO >C10-C28*	<10.0	10.0	03/13/2022	ND	220	110	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	03/13/2022	ND					
Surrogate: 1-Chlorooctane	96.9 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 %	6 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

T Cardinal cannot accept verbal chan		Under Time:	service. In no event shall Cardinal be liable for indentation or write voice write or well well within grant developed by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages. Cardinal's liability and whether based in contract analyses. And claims including those for menulances and any whether leaves exclusive nemechy for any claim arising whether based in contract analyses.	R1560-16	2019	State Reported of the	@16'S'	12 10 @ 16' S'	) (G)R/ # COI GROU	Lab I.D. Sample I.D. AB OR (C NTAINER JNDWAT	)OMP. S ER	FOR LAB USE ONLY	Project Location: UK MILIPS #8	Project Name:	Project #: Project Owner:	City: 40005 State: 1000000000000000000000000000000000000	Address:	Project Manager: JUST:n R.	101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories
nges. Please email changes to	on CHECKED BY: Turna (Initials) Correct Correct	AII REM	g and received by Cardinal within 30 days after completion of the ons, loss of use, or loss of profits incurred by client, its subsidiaries fairn is based upon any of the above stated reasons or otherwise.	tor fort, shall be limited to the amount paid by the clie	200	4	15		3/9		R : BASE: COOL	PRESERV. SAMPLING		*	State: Zip:	City:	Attn: Bruce B	Company:D D 1 a	BILL TO P.O. #:		위
Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Correction Factor -0.5°C No Corrected Temp. °C	Verbal Result: □ Yes □ No Add'I Phone #: All Results are emailed. Please provide Email address: REMARKS:	mpletion of the applicable t, its subsidiaries, ns or otherwise.		87		X X X			CL EX-1 BT	E TP								ANALYSIS REQUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



March 15, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 03/10/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 13 @ 16' (H220979-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	201	101	200	4.45	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	214	107	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	102 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	6 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 14 @ 16' 5" (H220979-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2022	ND	206	103	200	1.35	QM-07
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					
Surrogate: 1-Chlorooctane	73.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.3	% 59.5-14	2						

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Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 15 @ 16' 6" (H220979-03)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					
Surrogate: 1-Chlorooctane	73.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.3	% 59.5-14	2						

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Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 22 BGS 0-22' (H220979-04)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					
Surrogate: 1-Chlorooctane	68.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	64.9	% 59.5-14	2						

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Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 23 BGS 0-22' (H220979-05)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.5	% 59.5-14	2						

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Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 26 BGS 0-22' (H220979-06)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	53.2	% 59.5-14	2						

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Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 24 BGS 0-22' (H220979-07)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.5	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 25 BGS 0-22' (H220979-08)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					
Surrogate: 1-Chlorooctane	73.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.7	% 59.5-14	2						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 27 BGS 0-22' (H220979-09)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	74.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.2	% 59.5-14	2						

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 28 BGS 0-22' (H220979-10)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	114 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	59.5-14	2						

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: W 29 BGS 0-22' (H220979-11)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.2	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager


DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 30 BGS 0-22' (H220979-12)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	92.2	66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.8	% 59.5-14	2						

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Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 31 BGS 0-22' (H220979-13)

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	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	39.2	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	96.8 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.7 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 32 BGS 0-22' (H220979-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	9.05	
Toluene*	<0.050	0.050	03/15/2022	ND	1.91	95.6	2.00	9.48	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.93	96.5	2.00	8.77	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.99	99.8	6.00	8.65	
Total BTEX	<0.300	0.300	03/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					
Surrogate: 1-Chlorooctane	79.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.5	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 33 BGS 0-22' (H220979-15)

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	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/14/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	67.4	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	20.6	10.0	03/15/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



# **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 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**

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Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

			Page	<b>78</b>	of 20	91

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Project Manager Jamon & Buch	de	BILL TO		ANALYSIS REQUEST
Project Manager: Justin R		P.O. #:		
		Company: ADUL		
city: Holops	State: NU Zip: 88240	Attn: 131 WUE	3.	
	Fax #:	Address:		
Project #: P	Project Owner:	City:		
Project Name:		State: Zip:		
Project Location: JR Phillin	SH SC	Phone #:		
Sampler Name: Coo Co 10 4	suchury r	Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAM	SAMPLING	
Lab I.D. Sample I.D.	G)RAB OR (C)OMP CONTAINERS GROUNDWATER VASTEWATER GOIL DIL GLUDGE	DTHER : CID/BASE: CE / COOL DTHER :	CL Ext TPH	BTEX
	· - ·		K K K	
2 212 214 210 3		1 2/10	Cial X X	
22		1 2/10	12/4 × X	+
5 w23 Blas 0-22	C -	1 3/10	x x alicl	
( 4 4 2 4 Baso-22'	C 	1 3/10	X	
7 WOY BCS 0- 22	C	1 3/10	7	8
8 W25 BC50-22.	C	-	XX	1
9 war Bas c-22			14.	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and negotive to Cardinal within 30 days. All contract, or the contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and negotive to Cardinal within 30 days. All contract, or the contract or tort, shall be limited to the amount paid by the client for the contract or the contract or tort.	Ity and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the am any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 or	ct or tort, shall be limited to the amount paid	paid by the client for the	
service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliate or Soccessors arising out or or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ental damages, including without limitation, business interruption services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated	n is based upon any of the above stated re- m is based upon any of the above stated re-	asons or otherwise.	
Relinquished By	Tinge 25 JOUL JU	endon	are en	nailed. Please provide Email address: ∩R. Rower & Jour
П	Time:			
Delivered By: (Circle One) Observ Sampler - UPS - Bus - Other: Correc	Sample Cool I	tion CHECKED BY:	e:	Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
00 N 3.2 10/07/21	2.6	IN LA	Correction Factor -0.5°C	No No Corrected Temp °C

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TIP	D
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101 East Marland, Hobbs, NM 88240

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

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BILL TO

ANALYSIS REQUEST

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

PLEASE NOTE: Liability and t analyses. All claims including 1 service. In no event shall Card infiliates or successors arising Rellingtuished By:	Handra 17 17 17	FOR LAB USE ONLY	Sampler Name:
TEASE NOTE: Liability and Demages. Cardina's liability and client's exclusive remody for any cla mayees. All claims including those for negligence and any other cause whatsoever shall be devined service. In no event shall Cardina be liable for incidental or consequential damages, including with infiliates or successors arising out of ourelated to the performance of Services hereunder by Cardin filiates or successors arising out of ourelated to the performance of Services hereunder by Cardin filiates or successors arising out of ourelated to the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates or successors arising out of our event of the performance of Services hereunder by Cardin filiates of the services of the performance of Services hereunder by Cardin filiates of the services of the services of the services of the services hereunder by Cardin filiates of the services o	W39 BC05 0-22 W30 BG8 0-22 W31 BG8 0-22 W32 BG8 0-22	Sample I.D.	tel fuescille Vr
R with	OPO O C (G)RA	BOR (C)OMP	ľ

Project Location:

Project Name:

Project #: Phone #: city: Holdos

Project Manager: Company Name:

Address:

Time:	Time: 20	unges. Caratinatis tuionity and clients exclusive tempory for any claim ansing whether gread or tord, shall be limited to the amount paid by the client for the sea for negligence and any other cause whatsoever shall be deened waived unless made in writing and received by Cardinal within 30 days after completion of the applicable it be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of fortis incurred by client, its subsidiaries, tof or related to the performance of survices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		20-02 2038 220	ľ	26-0 395 18		124 BCDS O-22	Sample I.D.		teo ( Jue scicher )	JR Phillips #8		Project Owner:	Fax #:	State: JU		Justin R
	Received by:	or any claim ansing whether based in contract be deemed waived unless made in writing and ding without limitation, business interruptions, I ding without limitation, business interruptions, I y Cardinal, regardless of whether such claim			0	0	01	C	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX	<i>C</i> .			ner:		State: NL Zip: 88240		
	benson	or fort, shall be limited to the amount pe d received by Cardinal within 30 days aft loss of use, or loss of profits incurred by is based upon any of the above stated r		1 5110	1 3/10	01/5 1	0/5/1	1 \$,10	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	PRESERV. SAN	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: Bruce	company: Apullie	P.O. #:
	All Results are emailed. Plea	aid by the client for the ter completion of the appli client, its subsidiaries, easons or otherwise.		V. F.	× Otis	2:38 ×	3:36 X	X 68:6	TIME	SAMPLING						(	Tre	
	⊥ Yes emailed. I	cable		×	X	×	X	×	CI EXT TPH					-		•		
	d. Please pro			×	X	×	×	×	BTEX									
	REMARKS:									2								
	er .																	-
				14							ż							_
	,																	

Received by OCD: 6/24/2022 12:00:16 AM

Relinquished By.

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Observed Temp. °C Corrected Temp. °C

6. 5

> CHECKED BY: (Ihitjals)

> > Turnaround Time:

Standard V Rush

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Ves Nc No Corrected Temp. °C

6

Cool Infact Sample Condition

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

Thermometer ID #113 Correction Factor -0.5°C

Relinguished



April 13, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 04/07/22 16:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

## Sample ID: B 2 @ 16' 6" (H221430-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	76.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.6	% 59.5-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

### Sample ID: B 7 @ 16' 6" (H221430-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.5	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 8 @ 16' 6" (H221430-03)

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	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	67.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.0	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 12 @ 17' (H221430-04)

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	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.4	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 13 @ 16' 6" (H221430-05)

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	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	04/12/2022	ND	432	108	400	0.00	QM-07
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	04/11/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.3	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 14 @ 17' (H221430-06)

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	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	69.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.0	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: B 15 @ 17' (H221430-07)

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	04/12/2022	ND	2.02	101	2.00	6.51	
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36	
Total BTEX	<0.300	0.300	04/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	04/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	190	94.9	200	4.16	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	193	96.3	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					
Surrogate: 1-Chlorooctane	69.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.5	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

eived by OCD: 6/24/2022	14.00.10 1111					Pag	ge 89
Relinquished By: Multiple Time: 1, 54 Date: 1, 7-3-3 Time: 1, 7-3-3 Sampler - UPS - Bus - Other: Corrected Temp. °C Torkit-boo R 3.2 1000721	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any cla analyses. All claims including those for negligence and any other cause whatsoewer shall be deem service. In no event shall Cardinal be liable for incidental or consequential damages, including white affiliate or successors arising out of or related to the performance of services hereunder by Cardina Relining Date: Relining the service of the services hereunder by Cardina Relining the date of the services hereunder by Cardina Relining the service of the service of the services hereunder by Cardina Relining the service of the service of the services hereunder by Cardina Relining the service of the service of the services hereunder by Cardina Relining the service of the service of the services hereunder by Cardina Relining the service of the service of the services hereunder by Cardina Relining the service of the service of the service of the services hereunder by Cardina Relining the service of the service of the service of the services hereunder by Cardina Relining the service of the service of the service of the services hereunder by Cardina the service of the servi	2014	Lab I.D. Sample I.D.	Project Name: Project Location: J. R. Phillips #8 Sampler Name: Joe Cherry A. J. C.	Address: City: Hobbs State: UM Phone #: Fax #: Project #: Project Owner:	101 East Marland (575) 393-2326 Company Name: Company Name: Project Manager: Justin K	Laborator
	in arising whether based in contract or tort, shall be limited to the amount paid of waived unless made in writing and received by Cardinal within 30 days after ut limitation, business interruptions, loss of use, or loss of profits incurred by cit It, regardless of whether such claim is based upon any of the above stated reat celeved By:		GROUNDWATER # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL	State: Zip: Phone #: Fax #:	Zip: る ダ ユ 니 り Addr Citv:	1, Hobbs, NM 88240 FAX (575) 393-2476 Diamacinal Baulia P.O. #:	ies chain-
are emailed. Please provide Email address: Time: Standard Bacteria (only) Sample Condition Time: Rush Cool Intact Observed Temp. °C tor -0.5°C Ves Yes No Corrected Temp. °C	icable		CL Ext TPH BTEX			ANALYSIS REQUEST	N-OF-CUSTODY AND ANALYSIS REQUEST

# 201



April 14, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 04/08/22 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

## Sample ID: W 4 BGS 0-16' 6" (H221459-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	04/14/2022	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	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 11 BGS 0-16' 6" (H221459-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/14/2022	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	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 13 BGS 0-16' 6" (H221459-03)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/14/2022	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	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	110 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	122 9	59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 14 BGS 0-16' 6" (H221459-04)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/14/2022	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	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 7 BGS 0-16' 6" (H221459-05)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/14/2022	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	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

#### Sample ID: W 16 BGS 0-16' 6" (H221459-06)

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	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	04/14/2022	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	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	17.0	10.0	04/13/2022	ND					
Surrogate: 1-Chlorooctane	100 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 %	59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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 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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

ey.keene@cardinallabsnm.com	ges. Please email changes to celo	† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	
Rush	(Initials)		Sampler - UPS - Bus - Other:
Standard	CHECKED BV. Turnsround Time.	Time:	Delivered By: (Circle One)
Scen / Justin R.	CHULLY REMARKS:	Date: Received By:	Relinquished By: Luce
Verbal Result:  Verbal Result:	All Results are	Unite: Received By:	
approaue	sof use, or loss of profits incurred by client, its subsidiarie based upon any of the above stated reasons or otherwise	service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business inter mung and use of your unia munit or ung seture or unique uni	service. In no event shall Cardinal be liable for inci affiliates or successors arising out of or related to the Deliver in the second
	tort, shall be limited to the amount paid by the client for the provide by Carolinal within 20 daws after completions of the	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including these for populations and any other cause whatevere shall be formed valued unless made in writing and resolution to the amount paid by the client for the analysis.	PLEASE NOTE: Liability and Damages. Cardinal's analyses. All claims including those for poslicence
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	PRESERV. SAMPLING	MATRIX	FOR LAB USE ONLY
	Fax #:		Sampler Name:
	ŧ	s 年で	Project Location: R
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	City:	:t Owner:	Project #:
			Phone #:
	Attn: Breve B.	State: NN Zip: 860410	city: Hoblos
	Company: Apache	1150	Address:
	P.O. #:	the state	Project Manager: Justin
ANALYSIS REQUEST	BILL TO	Mar Diamond Boch	Company Name: (Avenue)
		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	101 East M (575) 393
-OF-CUSTODY AND ANALYSIS REQUEST	CHAIN-OF-	pratories	Labo
		DINAL	CAR

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March 28, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 03/16/22 17:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: J R PHILLIPS #8 Project Number: NONE GIVEN Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 28-Mar-22 15:13
--	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP 4 @ 8'	H221058-01	Soil	16-Mar-22 15:18	16-Mar-22 17:05
SP 4 @ 10'	H221058-02	Soil	16-Mar-22 15:20	16-Mar-22 17:05
SP 4 @ 12'	H221058-03	Soil	16-Mar-22 15:22	16-Mar-22 17:05
SP 4 @ 14'	H221058-04	Soil	16-Mar-22 15:24	16-Mar-22 17:05
SP 4 @ 16'	H221058-05	Soil	16-Mar-22 15:26	16-Mar-22 17:05
SP 4 @ 18'	H221058-06	Soil	16-Mar-22 15:28	16-Mar-22 17:05
SP 4 @ 20'	H221058-07	Soil	16-Mar-22 15:30	16-Mar-22 17:05
SP 5 @ 8'	H221058-08	Soil	16-Mar-22 16:00	16-Mar-22 17:05
SP 5 @ 10'	H221058-09	Soil	16-Mar-22 16:02	16-Mar-22 17:05
SP 5 @ 12'	H221058-10	Soil	16-Mar-22 16:04	16-Mar-22 17:05
SP 5 @ 14'	H221058-11	Soil	16-Mar-22 16:06	16-Mar-22 17:05
SP 5 @ 16'	H221058-12	Soil	16-Mar-22 16:08	16-Mar-22 17:05
SP 5 @ 18'	H221058-13	Soil	16-Mar-22 16:10	16-Mar-22 17:05
SP 5 @ 20'	H221058-14	Soil	16-Mar-22 16:12	16-Mar-22 17:05
SP 5 @ 22'	H221058-15	Soil	16-Mar-22 16:14	16-Mar-22 17:05

03/18/22 - Client requested a reanalysis of sample -15. We found a lab error on the extraction of the sample. This is the revised report with the corrected value for -15. This report replaces the one emailed on 03/17/22. 03/28/22 - Client added BTEX and TPH on 03/21/22. This is the 2nd revision of the report and will replace the one sent on 03/18/22.

#### Cardinal Laboratories

## \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SEF P. O. BOX 2491 HOBBS NM, 88241		Project Num Project Mana		Reported: 28-Mar-22 15:13						
				' 4 @ 8' 058-01 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	432		16.0	mg/kg	4	2031715	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	Л	22-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9	-140	2032202	JH	22-Mar-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	12.4		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			101 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			106 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project: J R PHILLIPS #8 Project Number: NONE GIVEN Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376						Reported: 28-Mar-22 15:13			
				4 @ 10' 058-02 (Se								
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	tories							
Inorganic Compounds			16.0			2021715	CM	17.14 22	4500 CL D			
Chloride	272		16.0	mg/kg	4	2031715	GM	17-Mar-22	4500-Cl-B			
Volatile Organic Compound	s by EPA Method 8	021										
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	ЛН	22-Mar-22	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЈН	22-Mar-22	8021B			
Surrogate: 4-Bromofluorobenzene (PA	ID)		104 %	69.9	-140	2032202	JH	22-Mar-22	8021B			
Petroleum Hydrocarbons by	GC FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
Surrogate: 1-Chlorooctane			83.1 %	66.9	-136	2032203	MS	22-Mar-22	8015B			
Surrogate: 1-Chlorooctadecane			85.9 %	59.5	-142	2032203	MS	22-Mar-22	8015B			

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project Num Project Mana		Reported: 28-Mar-22 15:13					
				4 @ 12 058-03 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	832		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	QM-07
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЈН	22-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		104 %	69.9	-140	2032202	JH	22-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			83.0 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			85.3 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project: J R PHILLIPS #8 Project Number: NONE GIVEN Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376						Reported: 28-Mar-22 15:13			
				4 @ 14' 058-04 (So								
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	ories							
Inorganic Compounds												
Chloride	720		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B			
Volatile Organic Compound	s by EPA Method 80	021										
Benzene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	22-Mar-22	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	22-Mar-22	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	22-Mar-22	8021B			
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	69.9	-140	2032202	ЛН	22-Mar-22	8021B			
Petroleum Hydrocarbons by	GC FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
Surrogate: 1-Chlorooctane			83.4 %	66.9	-136	2032203	MS	22-Mar-22	8015B			
Surrogate: 1-Chlorooctadecane			86.1 %	59.5	-142	2032203	MS	22-Mar-22	8015B			

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project: J R PHILLIPS #8 Project Number: NONE GIVEN Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376						Reported: 28-Mar-22 15:13			
				4 @ 16 058-05 (Se								
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	ories							
Inorganic Compounds												
Chloride	752		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B			
Volatile Organic Compound	s by EPA Method 8	021										
Benzene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	23-Mar-22	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	ЛН	23-Mar-22	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	23-Mar-22	8021B			
Surrogate: 4-Bromofluorobenzene (P	ID)		109 %	69.9	-140	2032202	JH	23-Mar-22	8021B			
Petroleum Hydrocarbons by	GC FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B			
Surrogate: 1-Chlorooctane			105 %	66.9	-136	2032203	MS	22-Mar-22	8015B			
Surrogate: 1-Chlorooctadecane			109 %	59.5	-142	2032203	MS	22-Mar-22	8015B			

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DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project: J R PHILLIPS #8 Project Number: NONE GIVEN Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376						Reported: 28-Mar-22 15:13		
				4 @ 18' 058-06 (Se							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	ories						
Inorganic Compounds			160			2021516	<u> </u>	17.16 00	4500 CL D		
Chloride	208		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B		
Volatile Organic Compound	s by EPA Method 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	2032202	ЈН	22-Mar-22	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	ЈН	22-Mar-22	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	22-Mar-22	8021B		
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	69.9	-140	2032202	ЛН	22-Mar-22	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B		
Surrogate: 1-Chlorooctane			102 %	66.9	-136	2032203	MS	22-Mar-22	8015B		
Surrogate: 1-Chlorooctadecane			106 %	59.5	-142	2032203	MS	22-Mar-22	8015B		

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAI P. O. BOX 2491 HOBBS NM, 88241	_ SERVICE INC.		Project Num Project Mana		Reported: 28-Mar-22 15:13					
				4 @ 20' 058-07 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	560		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЈН	22-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		106 %	69.9	-140	2032202	JH	22-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			96.1 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			100 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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DIAMONDBACK DISPOSAI P. O. BOX 2491 HOBBS NM, 88241	_ SERVICE INC.		Project Num Project Mana		Reported: 28-Mar-22 15:13					
				5 @ 8' )58-08 (So	oil)					
			Reporting		)					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		107 %	69.9	-140	2032202	ЛН	22-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			97.9 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			101 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager


DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project Num Project Mana	iber: NOI Iger: JUS	-	RTS		2	Reported: 8-Mar-22 15:	13
				5 @ 10' 058-09 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	656		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	23-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		106 %	69.9	-140	2032202	ЈН	23-Mar-22	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	16.4		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			81.6 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			85.7 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAI P. O. BOX 2491 HOBBS NM, 88241	SERVICE INC.		Project Num Project Mana	ber: NOI ger: JUS	-	RTS		2	Reported: 8-Mar-22 15:	13
				5 @ 12' )58-10 (So						
			11221	50 10 (50	,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	560		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		106 %	69.9	-140	2032202	JH	22-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	21.9		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			102 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			107 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project Num Project Mana	iber: NOI Iger: JUS	-	RTS		2	Reported: 28-Mar-22 15:	13
				5 @ 14 058-11 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds Chloride	224		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compound		021	10.0	88				- ,		
Benzene*	<0.050	021	0.050	mg/kg	50	2032202	ЛН	23-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	23-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	23-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		104 %	69.9	-140	2032202	ЛН	23-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			105 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			110 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project Num Project Mana	ber: NON ger: JUS	-	RTS		2	Reported: 8-Mar-22 15:	13
				5 @ 16 058-12 (Se						
			11221	550 12 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		108 %	69.9	-140	2032202	ЛН	22-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			85.7 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			90.4 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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DIAMONDBACK DISPOSAL P. O. BOX 2491 HOBBS NM, 88241	- SERVICE INC.		Project Num Project Mana	iber: NOI Iger: JUS	-	RTS		2	Reported: 8-Mar-22 15:	13
				5 @ 18' 058-13 (So						
			H221	030-13 (30	)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1280		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	22-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	22-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		107 %	69.9	-140	2032202	ЛН	22-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			103 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			109 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

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DIAMONDBACK DISPOSA P. O. BOX 2491 HOBBS NM, 88241	L SERVICE INC.		Project Num Project Mana	iber: NON ager: JUS	-	RTS		2	Reported: 8-Mar-22 15:	13
				5 @ 20 058-14 (So						
			11221	030-14 (50	)11)					1
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1330		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	3021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	23-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	ЛН	23-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЈН	23-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		107 %	69.9	-140	2032202	ЈН	23-Mar-22	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			104 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			109 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL P. O. BOX 2491 HOBBS NM, 88241	SERVICE INC.		Project Num Project Mana	ber: NON ger: JUS		RTS		2	Reported: 28-Mar-22 15:	13
				5 @ 22' 058-15 (So						
			11221	556-15 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	704		16.0	mg/kg	4	2031716	GM	17-Mar-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2032202	JH	23-Mar-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2032202	ЛН	23-Mar-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	))		104 %	69.9	-140	2032202	ЛН	23-Mar-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctane			107 %	66.9	-136	2032203	MS	22-Mar-22	8015B	
Surrogate: 1-Chlorooctadecane			112 %	59.5	-142	2032203	MS	22-Mar-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



	DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project Number: Project Manager:	J R PHILLIPS #8 NONE GIVEN JUSTIN ROBERTS (575) 392-9376	Reported: 28-Mar-22 15:13	
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# **Inorganic Compounds - Quality Control**

# **Cardinal Laboratories**

	Reporting		Spike	Source		%REC		RPD	
Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
			Prepared &	Analyzed:	17-Mar-22				
ND	16.0	mg/kg							
			Prepared &	z Analyzed:	17-Mar-22				
416	16.0	mg/kg	400		104	80-120			
			Prepared &	Analyzed:	17-Mar-22				
432	16.0	mg/kg	400		108	80-120	3.77	20	
			Prepared &	Analyzed:	17-Mar-22				
ND	16.0	mg/kg							
			Prepared &	Analyzed:	17-Mar-22				
432	16.0	mg/kg	400		108	80-120			
			Prepared &	Analyzed:	17-Mar-22				
416	16.0	mg/kg	400		104	80-120	3.77	20	
-	ND 416 432 ND 432	Result         Limit           ND         16.0           416         16.0           432         16.0           ND         16.0           432         16.0	Result         Limit         Units           ND         16.0         mg/kg           416         16.0         mg/kg           432         16.0         mg/kg           ND         16.0         mg/kg           432         16.0         mg/kg           432         16.0         mg/kg	Result     Limit     Units     Level       Prepared &     Prepared &       ND     16.0     mg/kg       416     16.0     mg/kg       416     16.0     mg/kg       432     16.0     mg/kg       Prepared &       ND     16.0     mg/kg       432     16.0     mg/kg       Prepared &     Prepared &       A32     16.0     mg/kg       432     16.0     mg/kg	Result     Limit     Units     Level     Result       Prepared & Analyzed:     Prepared & Analyzed:       ND     16.0     mg/kg       416     16.0     mg/kg       416     16.0     mg/kg       432     16.0     mg/kg       Prepared & Analyzed:     Prepared & Analyzed:       MD     16.0     mg/kg       Prepared & Analyzed:     Prepared & Analyzed:       432     16.0     mg/kg       Prepared & Analyzed:     Prepared & Analyzed:       MD     16.0     mg/kg	Result         Limit         Units         Level         Result         %REC           Prepared & Analyzed: 17-Mar-22           ND         16.0         mg/kg         Prepared & Analyzed: 17-Mar-22           416         16.0         mg/kg         400         104           Prepared & Analyzed: 17-Mar-22         432         16.0         mg/kg         400         108           Prepared & Analyzed: 17-Mar-22           432         16.0         mg/kg         400         108           Prepared & Analyzed: 17-Mar-22           MD         16.0         mg/kg         400         108           Prepared & Analyzed: 17-Mar-22           MD         16.0         mg/kg         400         108           Prepared & Analyzed: 17-Mar-22           432         16.0         mg/kg         400         108           Prepared & Analyzed: 17-Mar-22           432         16.0         mg/kg         400         108           Prepared & Analyzed: 17-Mar-22	Result         Limit         Units         Level         Result         %REC         Limits           Prepared & Analyzed: 17-Mar-22           ND         16.0         mg/kg         Prepared & Analyzed: 17-Mar-22           416         16.0         mg/kg         400         104         80-120           416         16.0         mg/kg         400         108         80-120           432         16.0         mg/kg         400         108         80-120           Prepared & Analyzed: 17-Mar-22           MD         16.0         mg/kg         400         108         80-120           Prepared & Analyzed: 17-Mar-22           MD         16.0         mg/kg         400         108         80-120           Prepared & Analyzed: 17-Mar-22           MD         16.0         mg/kg         400         108         80-120           Prepared & Analyzed: 17-Mar-22           432         16.0         mg/kg         400         108         80-120           Prepared & Analyzed: 17-Mar-22	Result         Limit         Units         Level         Result         %REC         Limits         RPD           Prepared & Analyzed: 17-Mar-22           ND         16.0         mg/kg         Prepared & Analyzed: 17-Mar-22         Vertical State         Vertical State	Result         Limit         Units         Level         Result         %REC         Limits         RPD         Limit           Prepared & Analyzed: 17-Mar-22           ND         16.0         mg/kg         Prepared & Analyzed: 17-Mar-22

### Cardinal Laboratories

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



P. O. BOX 2491 Project Number: NONE GIVEN HOBBS NM, 88241 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	-
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# Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal	Laboratories
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2032202 - Volatiles										
Blank (2032202-BLK1)				Prepared &	Analyzed:	22-Mar-22	2			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0533		mg/kg	0.0500		107	69.9-140			
LCS (2032202-BS1)				Prepared &	Analyzed:	22-Mar-22	2			
Benzene	1.86	0.050	mg/kg	2.00		93.1	83.4-122			
Toluene	1.95	0.050	mg/kg	2.00		97.6	84.2-126			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.6	84.2-121			
m,p-Xylene	4.28	0.100	mg/kg	4.00		107	89.9-126			
o-Xylene	1.87	0.050	mg/kg	2.00		93.5	84.3-123			
Total Xylenes	6.15	0.150	mg/kg	6.00		103	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0542		mg/kg	0.0500		108	69.9-140			
LCS Dup (2032202-BSD1)				Prepared &	Analyzed:	22-Mar-22	2			
Benzene	1.98	0.050	mg/kg	2.00		98.9	83.4-122	6.09	12.6	
Toluene	2.14	0.050	mg/kg	2.00		107	84.2-126	9.26	13.3	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	84.2-121	8.43	13.9	
m,p-Xylene	4.69	0.100	mg/kg	4.00		117	89.9-126	9.00	13.6	
o-Xylene	2.03	0.050	mg/kg	2.00		101	84.3-123	8.17	14.1	
Total Xylenes	6.72	0.150	mg/kg	6.00		112	89.1-124	8.75	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0556		mg/kg	0.0500		111	69.9-140			

### **Cardinal Laboratories**

# \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: J R PH Project Number: NONE Project Manager: JUSTIN Fax To: (575)	GIVEN 28-Mar-22 15:13 N ROBERTS	
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# Petroleum Hydrocarbons by GC FID - Quality Control

# **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2032203 - General Prep - Organics										
Blank (2032203-BLK1)				Prepared &	analyzed:	22-Mar-22	2			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.5		mg/kg	50.0		97.0	66.9-136			
Surrogate: 1-Chlorooctadecane	50.9		mg/kg	50.0		102	59.5-142			
LCS (2032203-BS1)				Prepared &	z Analyzed:	22-Mar-22	2			
GRO C6-C10	178	10.0	mg/kg	200		89.0	79.1-128			
DRO >C10-C28	171	10.0	mg/kg	200		85.6	77-136			
Total TPH C6-C28	349	10.0	mg/kg	400		87.3	82.9-127			
Surrogate: 1-Chlorooctane	56.3		mg/kg	50.0		113	66.9-136			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	59.5-142			
LCS Dup (2032203-BSD1)				Prepared &	Analyzed:	22-Mar-22	2			
GRO C6-C10	193	10.0	mg/kg	200		96.5	79.1-128	8.10	21.4	
DRO >C10-C28	184	10.0	mg/kg	200		92.1	77-136	7.35	17.9	
Total TPH C6-C28	377	10.0	mg/kg	400		94.3	82.9-127	7.74	17.6	
Surrogate: 1-Chlorooctane	56.5		mg/kg	50.0		113	66.9-136			
Surrogate: 1-Chlorooctadecane	60.0		mg/kg	50.0		120	59.5-142			

# Cardinal Laboratories

# \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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**

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Sampler - UPS - Bus - Other: ronw-ood R 3.2 lovori21	Refinduished By:	PLEASE NOTE: Liability and Damages. Cardina's liabilit analyses. All claims including those for negligence and a service. In no event shall Cardinal be liable for incidental affiliates or successors arising out of or related to the per Rolling of the Bud	1 Sp4 @20'	, 810 hds 7		3 Sp4 @ 1	-	1 Sp4 @8	H221058	Lab I.D. Sa	FOR LAB USE ONLY	Sampler Name:	Project Name:	Project #:	Phone #:	city: Hddos	Address:	Project Mananer:		
Corrected Temp. °C &, 4 Corrected Temp. °C &, 9	6	y and client's exclusive in ny other cause whatsoe or consequental damag ormance of services he	6			12' 6 1			-	Sample I.D.	)	Oursacher 12		Project Owner:	Fax #:	State:NW zip: SBAUC	Justin K	John Diamond Bade	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	<b>Dratories</b>
d Temp. °C       Col       Intact       CheckED BY:       TurnarouInd Time:       Standard       Ba         ad Temp. °C       Col       Intact       (Initials)       Themometer ID       #113       Correction Factor -0.5°C       Image: Control of the sector -0.5°C       Image: Contr	Received By:	remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the ver shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applic res, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, reunder by Cardinal, legardless of whether such claim is based upon any of the above stated reasons or otherwise.		/ /		/	/	/	GROUN WASTE SOIL OIL SLUDG OTHER ACID/B/ ICE / CC OTHER	E : ASE: DOL	MATRIX PRESERV.	Phone #: Fax #:		City:	Address:	Attn:	P.O. #:			
D BY: Turrfaroulnd Time: Is) Thermometer ID #113 Correction Factor -0.5°C nail changes to celev keene@c	All Results are emailed. All Results are emailed. REMARKS: REMARKS: United to the second seco	abi	3/16 3:30 + +	3/16 3:28 X X	3/16 3:24 X X	16	16 3:20 X	3/163:18 X X	DATE TIME	- TPH	SAMPLING		Zip:			mpachi		LL TO		CHAIN-OF-CU
Standard D Bacteria (only) Rush Cool Intact Yes Yes No No	Verbal Result: Pres No Add'l Phone #: All Results are emailed. Please provide Email address:		<i>K</i> ,		58	8	X	7	BL	EX .								ANALYSIS RE		CHAIN-OF-CUSTODY AND ANALYSIS
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes Nc No Corrected Temp. °C	HQ.									1						•		REQUEST		YSIS REQUEST

*Received by OCD: 6/24/2022 12:00:16 AM* 

# Page 22 of 23

Page 120 of 201

Laboratories		P	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	QUEST
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	40			
Project Manager: Victin Ruch	<i>y</i>	P.0. #:	ANALYSIS REQUEST	
Address:		Company: Apuch		
city: HJJJJS stateWUL	state NU Zip: 8K24U			
Phone #: Fax #:		Address:		
Project #: Project Owner:		City:		
Project Name:		State: Zip:		
Project Location: J. P. Phillips HS	,	Phone #:		2
Sampler Name: John Churche		1		
FOR LAB USE ONLY			<i>H</i> <	
Lab I.D. Sample I.D.		ASE: DOL	EX	
HTZIUSS	# CON GROU WAST SOIL OIL SLUDO		TIME CL BT	
8 5 5 5 8 8.	S- 1	16	4:00 11/1 00:14	
Sp S	· · /	16		
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11 @ 2 q2 11		16		
		2/164		
So S @	G	1 3/16 4:		
'S sps @ 22'	61	1 31 16 4		
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 application 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, artificiane or successors action on try of the above stated reasons or otherwise.	leemed waived unless made in writing and recein without limitation, business interruptions, loss of ardinal repardless of whether such claim is bas	cause whatsoever shall be deemed waived unless made in writing and received by Cartiona writin a 20 day after completion of the a querital damages, including writination, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries by sences here nuche the Cardinal in conardiess of whether such claim is based upon any of the above stated reasons or othewise.	nt, the subsidiaries, and the applicable	
Relinquished By:	Received By:	AII AII	Verbal Result:  Ves  No Add'I Phone #: All Results are emailed.  Please provide Email address:	
Relinquished By: WSCUU Date:	Received By:	REN NULL	Aush - CL only	
Delivered By: (Circle One) Observed Temp. °C	A ↓ Sample Condition	CHECKED BY:	Turnaround Time: Standard D Bacteria (only) Sample Condition	ndition
Sampler - UPS - Bus - Other: Corrected Temp. °C	Cool Intac	(Initials)	□ Yes	Temp. °C
FORM-000 R S.2 10/07/21	in the second	Diana amail abanco	mon manadallaham nom	

Received by OCD: 6/24/2022 12:00:16 AM

Released to Imaging: 7/7/2022 9:23:35 AM

Page 121 of 201



April 11, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 04/08/22 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

# Sample ID: SP 4 @ 22' (H221457-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	04/11/2022	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	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	76.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.1	% 59.5-14	2						

# Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

# Sample ID: SP 4 @ 24' (H221457-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	04/11/2022	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	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.0	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241 Fax To: (575) 392-9376

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	APACHE - MONUMENT, NM		

# Sample ID: SP 4 @ 26' (H221457-03)

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	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	04/11/2022	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	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.4	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

- 1	nanges. Please email changes to	† Cardinal cannot accept verbal ch
Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Correction Factor -0.5°C Ves Ves No No Corrected Temp. °C	CHECKED BY: (Initials)	Delivered By: (Circle One)       Observed Temp. °C       O & Sample Condition         Sampler - UPS - Bus - Other:       Corrected Temp. °C       O & Cool Intact         FORM-000 R 5.2 10007/21       Corrected Temp. °C       No       No
		Time:
	mut «	Relinquished By:
Verbal Result:  Yes  No Add'I Phone #: All Results are emailed Please provide Email addrese:		Date: A Received By:
dion of the applicable ubdiantes. otherwise.	staal be demad waved unless made in writing and received by Cardinal within 30 days after completion of the a including without limation, business interruptions, loss of uses, or loss of profils incurred by citent, its subsidiaries der by Cardinal, regardless of whether such citem is based upon any of the above stated reasons or otherwise.	able for incidental or consequental damages, related to the performance of services hereu
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	_	Project Manager:
ANALYSIS REOLIEST	BILL TO	Company Name: Diwww.concl R actu
		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
		Laboratories
CHAIN-OF-CUSTODY AND ANALYSIS REOLIEST	CH	/ /

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April 14, 2022

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

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 04/13/22 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MONUMENT, NM		

# Sample ID: B 7 @ 18' (H221545-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/14/2022	ND	416	104	400	0.00	

# Sample ID: B 7 @ 20' (H221545-02)

Chloride, SM4500Cl-B	mg /	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	04/14/2022	ND	416	104	400	0.00	

### Sample ID: B 7 @ 22' (H221545-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	04/14/2022	ND	416	104	400	0.00	

# Sample ID: B 7 @ 24' (H221545-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	04/14/2022	ND	416	104	400	0.00	

### **Cardinal Laboratories**

\*=Accredited Analyte

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:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MONUMENT, NM		

# Sample ID: B 7 @ 26' (H221545-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/14/2022	ND	416	104	400	0.00	

### **Cardinal Laboratories**

\*=Accredited Analyte

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### Relinquished By: Relinquished By: service. In no event shall Cardinal be liable for incidental or con Sampler - UPS - Bus - Other: Delivered By: (Circle One) analyses. All claims PLEASE NOTE: Liability and H221545 Sampler Name: Project Location: Project Name: Project #: city: Hoblos Phone #: Address: FOR LAB USE ONLY Lab I.D. ę 0 including those for negligence and any other cause whatsoever shall be de NO.2 10/077 BIO B7 @ 370 87 @ E C ア O Sample I.D. 26 24 Phi 22 20 ā Observed Temp. °C5. 00 11:PS Corrected Temp. °C5 . 10 Bate: WQ Date: Time: Time: † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Project Owner: Fax #: State: 13/22 under by Ca # including without limitation, bus dy for any clain NN 216:2250 A Received By: PPPP (G)RAB OR (C)OMP Received By: med waived # CONTAINERS MORKIO Cool Intact unless made in writing and received by Cardinal within 30 days after completion of the applicable in, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, GROUNDWATER Sample Condition WASTEWATER SOIL MATRIX OIL claim is ba SLUDGE OTHER Fax #: State: City: Phone #: Attn: Address: Company: ACID/BASE PRESERV upon any of the above stated reason CHECKED BY: ICE / COOL (Initials) OTHER Zip DATE 15 w w w SAMPLING paid by the client for the 3:12 2:32 a:30 Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: All Results are emailed. Please provide Email address: REMARKS Verbal Result: TIME □ Yes Standard Rush ON D Add'l Phone #: ह्या Cool Intact Bacteria (only) Sample Condition

Corrected Temp. °C Observed Temp. °C

# Page 132 of 201

Project Manager: Company Name:

Apachel

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

Bruce Bubber

P.O. #:

BILL

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ANALYSIS

REQUEST

Page 5 of 5



September 30, 2021

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

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 09/27/21 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Received:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 1 @ SURFACE (H212685-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2021	ND	1.91	95.3	2.00	6.43	
Toluene*	<0.050	0.050	09/29/2021	ND	1.97	98.5	2.00	3.89	GC-NC
Ethylbenzene*	<0.050	0.050	09/29/2021	ND	1.88	94.2	2.00	3.39	
Total Xylenes*	2.79	0.150	09/29/2021	ND	5.73	95.6	6.00	4.06	GC-NC
Total BTEX	2.79	0.300	09/29/2021	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	284 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	313	100	09/29/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	26500	100	09/29/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	8100	100	09/29/2021	ND					
Surrogate: 1-Chlorooctane	139 %	6 44.3-13	3						
Surrogate: 1-Chlorooctadecane	751 9	6 38.9-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 1 @ 2' (H212685-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2021	ND	1.91	95.3	2.00	6.43	
Toluene*	<0.050	0.050	09/28/2021	ND	1.97	98.5	2.00	3.89	GC-NC
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.88	94.2	2.00	3.39	
Total Xylenes*	2.49	0.150	09/28/2021	ND	5.73	95.6	6.00	4.06	GC-NC1
Total BTEX	2.49	0.300	09/28/2021	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	255 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	156	50.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	1850	50.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	314	50.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	99.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	107 9	% 38.9-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

### Sample ID: SP 1 @ 4' (H212685-03)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2021	ND	1.91	95.3	2.00	6.43	
Toluene*	<0.050	0.050	09/29/2021	ND	1.97	98.5	2.00	3.89	GC-NC
Ethylbenzene*	<0.050	0.050	09/29/2021	ND	1.88	94.2	2.00	3.39	
Total Xylenes*	8.43	0.150	09/29/2021	ND	5.73	95.6	6.00	4.06	GC-NC1
Total BTEX	8.43	0.300	09/29/2021	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	456 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	391	50.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	3060	50.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	579	50.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	122 9	% 38.9-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 1 @ 6' (H212685-04)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2021	ND	1.91	95.3	2.00	6.43	
Toluene*	<0.050	0.050	09/28/2021	ND	1.97	98.5	2.00	3.89	GC-NC
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.88	94.2	2.00	3.39	
Total Xylenes*	1.91	0.150	09/28/2021	ND	5.73	95.6	6.00	4.06	GC-NC1
Total BTEX	1.91	0.300	09/28/2021	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PID	213 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	126	50.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	1150	50.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	154	50.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	96.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.9	% 38.9-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 1 @ 8' (H212685-05)

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	09/28/2021	ND	1.91	95.3	2.00	6.43	
Toluene*	<0.050	0.050	09/28/2021	ND	1.97	98.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.88	94.2	2.00	3.39	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.73	95.6	6.00	4.06	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	17.2	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	83.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	73.9	% 38.9-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

### Sample ID: SP 1 @ 10' (H212685-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	09/28/2021	ND	1.91	95.3	2.00	6.43	
Toluene*	<0.050	0.050	09/28/2021	ND	1.97	98.5	2.00	3.89	GC-NC
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.88	94.2	2.00	3.39	
Total Xylenes*	2.52	0.150	09/28/2021	ND	5.73	95.6	6.00	4.06	GC-NC
Total BTEX	2.52	0.300	09/28/2021	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PID	251 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1340	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	167	50.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	1960	50.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	359	50.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	116 9	% 38.9-14	2						

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\*=Accredited Analyte

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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 1 @ 12' (H212685-07)

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	09/28/2021	ND	1.91	95.3	2.00	6.43	
Toluene*	<0.050	0.050	09/28/2021	ND	1.97	98.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.88	94.2	2.00	3.39	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.73	95.6	6.00	4.06	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	109	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.5	% 38.9-14	2						

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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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 2 @ SURFACE (H212685-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/29/2021	ND	1.99	99.7	2.00	2.66	GC-NC
Ethylbenzene*	<0.050	0.050	09/29/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	1.23	0.150	09/29/2021	ND	5.82	97.1	6.00	2.95	GC-NC1
Total BTEX	1.23	0.300	09/29/2021	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	166 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	09/28/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	162	50.0	09/29/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	11600	50.0	09/29/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	3730	50.0	09/29/2021	ND					
Surrogate: 1-Chlorooctane	93.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	368 9	38.9-14	2						

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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:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 2 @ 2' (H212685-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/28/2021	ND	1.99	99.7	2.00	2.66	GC-NC
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	3.29	0.150	09/28/2021	ND	5.82	97.1	6.00	2.95	GC-NC1
Total BTEX	3.39	0.300	09/28/2021	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	236 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	90.4	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	1160	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	270	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.6	% 38.9-14	2						

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Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

MONUMENT, NM

Tamara Oldaker

Sample Received By:

# Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432 09/27/2021 Sampling Date: 09/27/2021 09/30/2021 Sampling Type: Soil J R PHILLIPS #8 Sampling Condition: Cool & Intact

# Sample ID: SP 2 @ 4' (H212685-10)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	09/28/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/28/2021	ND	1.99	99.7	2.00	2.66	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.82	97.1	6.00	2.95	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	<10.0	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	83.5 9	44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.6 9	% 38.9-14	2						

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Celey D. Keene, Lab Director/Quality Manager



APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432 09/27/2021 Sampling Date: 09/30/2021

Received:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

# Sample ID: SP 2 @ 6' (H212685-11)

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	09/28/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/28/2021	ND	1.99	99.7	2.00	2.66	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.82	97.1	6.00	2.95	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	<10.0	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	68.6	% 38.9-14	2						

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

Received:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

#### Sample ID: SP 2 @ 8' (H212685-12)

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	09/28/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/28/2021	ND	1.99	99.7	2.00	2.66	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.82	97.1	6.00	2.95	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	53.4	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	76.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	67.5	% 38.9-14	2						

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		APACHE COR	P - HOBBS			
		BRUCE BAKE	R			
		2350 W. MAR	rland blvd.			
		HOBBS NM, 8	38240			
		Fax To:	(575) 393-2432			
Received:	09/27/2021			Sampling Date:	(	)9/27/2021
Reported:	09/30/2021			Sampling Type:	9	Soil
Project Name:	J R PHILLIPS #8			Sampling Condition:	(	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	٦	Famara Oldaker
Project Location:	MONUMENT, NM					

## Sample ID: SP 3 @ SURFACE (H212685-13)

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	09/29/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/29/2021	ND	1.99	99.7	2.00	2.66	
Ethylbenzene*	<0.050	0.050	09/29/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	<0.150	0.150	09/29/2021	ND	5.82	97.1	6.00	2.95	
Total BTEX	<0.300	0.300	09/29/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	13500	50.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	4470	50.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	472 \$	% 38.9-14	2						

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

Received:	09/27/2021	Sampling Date:	09/27/2021
Reported:	09/30/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

#### Sample ID: SP 3 @ 2' (H212685-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/28/2021	ND	1.99	99.7	2.00	2.66	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.82	97.1	6.00	2.95	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	<10.0	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	85.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.6	% 38.9-14	2						

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NONE GIVEN

MONUMENT, NM

Tamara Oldaker

Sample Received By:

## Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432 09/27/2021 Sampling Date: 09/27/2021 09/30/2021 Sampling Type: Soil J R PHILLIPS #8 Sampling Condition: Cool & Intact

#### Sample ID: H 1 (H212685-15)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	09/28/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/28/2021	ND	1.99	99.7	2.00	2.66	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.82	97.1	6.00	2.95	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	60.1	10.0	09/28/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	89.9	10.0	09/28/2021	ND					
Surrogate: 1-Chlorooctane	81.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.7	% 38.9-14	2						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



MONUMENT, NM

## Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432 09/27/2021 Sampling Date: 09/27/2021 09/30/2021 Sampling Type: Soil Project Name: **J R PHILLIPS #8** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

## Sample ID: H 2 (H212685-16)

Project Location:

Received:

Reported:

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	09/28/2021	ND	1.83	91.5	2.00	3.57	
Toluene*	<0.050	0.050	09/28/2021	ND	1.99	99.7	2.00	2.66	
Ethylbenzene*	<0.050	0.050	09/28/2021	ND	1.92	96.2	2.00	3.52	
Total Xylenes*	<0.150	0.150	09/28/2021	ND	5.82	97.1	6.00	2.95	
Total BTEX	<0.300	0.300	09/28/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/28/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2021	ND	196	97.8	200	0.304	
DRO >C10-C28*	130	10.0	09/29/2021	ND	215	108	200	1.01	
EXT DRO >C28-C36	142	10.0	09/29/2021	ND					
Surrogate: 1-Chlorooctane	86.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.5	% 38.9-14	2						

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Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Labora	atories		CHAIN-OF-COSTODT AND ANALTSIS REQUEST	
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	11 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476			
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Project Manager: Bruce Belie	Jer .	P.O. #:	- 1	
Address:	•	Company:		
city: Holdos	State: U.J. Zip: 88240	Attn:		
Phone #:		Address:		
Project #:	Project Owner:	City:		
Project Name:		State: Zip:		
Project Location: Jr Phillips	S.	#		
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analyses. All claims including those for negligence and any other c service. In no event shall Cardinal be liable for incidental or conseq affiliates or successors arising out of or related to the performance ·	all be deemed waived unless made in writing and luding without limitation, business interruptions, r by Cardinal recardless of whether such claim	or you, share we minute us une annount paid by the citerin for the d received by Cardinal within 30 days after completion of the is loss of use, or loss of profits incurred by citerit, is subsidiaries is besed upon any of the above or the d second and a sub- is besed upon any of the above or the discount of the second is besed upon any of the above of the above of the discount of the second and a second and a second and a second a second and is been any of the above of the above of the discount of the second is been any of the above of the above of the discount of the second is been any of the above of the above of the discount of the second is been any of the above of the discount of the second and is been above of the discount of the second and the second is been above of the discount of the second and the second is been above of the discount of the second and the second is been above of the second and the second and the second is been above of the second and the second and the second is been above of the second and the second and the second is been above of the second and the second and the second is been above of the second and the second and the second is been above of the second and the second and the second is been above of the second and the second a	ormpletion of the applicable ent, its subsidiaries,	
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Page 19 of 20

**Released to Imaging:** 7/7/2022 9:23:35 AM

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Verbal Result:       Yes       No       Add'l Phone #:         All Results are emailed.       Please provide Email address:         REMARKS:       REMARKS:         Turnaround Time:       Standard       Standard         Turnaround Time:       Rush       Cool Intact:       Observed Temp. °C         ThermometerID       #113       Ves       Ves       Ves         No       No       No       Corrected Temp. °C	a amount paid by the client for the 30 days after completion of the applicable incurred by client, its subsidiaries, over stated reasons or otherwise.	2777 2777 2777 2777 2777 2777 2777 277	TIME C/	•				TO ANALYSIS REQUEST		CHAIN-UF-CUSTOUT AND ANALYSIS REQUEST



October 07, 2021

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 10/05/21 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

## Sample ID: SP 1 @ 14' (H212768-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2021	ND	2.00	100	2.00	8.24	
Toluene*	<0.050	0.050	10/06/2021	ND	1.96	97.8	2.00	8.69	
Ethylbenzene*	<0.050	0.050	10/06/2021	ND	1.92	96.2	2.00	8.30	
Total Xylenes*	<0.150	0.150	10/06/2021	ND	5.86	97.6	6.00	7.65	
Total BTEX	<0.300	0.300	10/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	10/06/2021	ND	432	108	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2021	ND	191	95.4	200	1.90	
DRO >C10-C28*	39.8	10.0	10/06/2021	ND	218	109	200	8.17	
EXT DRO >C28-C36	<10.0	10.0	10/06/2021	ND					
Surrogate: 1-Chlorooctane	86.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.4	% 38.9-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

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:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

#### Sample ID: SP 1 @ 16' (H212768-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2021	ND	2.00	100	2.00	8.24	
Toluene*	<0.050	0.050	10/06/2021	ND	1.96	97.8	2.00	8.69	
Ethylbenzene*	<0.050	0.050	10/06/2021	ND	1.92	96.2	2.00	8.30	
Total Xylenes*	<0.150	0.150	10/06/2021	ND	5.86	97.6	6.00	7.65	
Total BTEX	<0.300	0.300	10/06/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	10/06/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2021	ND	191	95.4	200	1.90	
DRO >C10-C28*	36.5	10.0	10/06/2021	ND	218	109	200	8.17	
EXT DRO >C28-C36	<10.0	10.0	10/06/2021	ND					
Surrogate: 1-Chlorooctane	88.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.0	% 38.9-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

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:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

#### Sample ID: SP 2 @ 10' (H212768-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	10/06/2021	ND	432	108	400	0.00	

# Sample ID: SP 2 @ 12' (H212768-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	10/06/2021	ND	432	108	400	0.00	

## Sample ID: SP 2 @ 14' (H212768-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	10/06/2021	ND	432	108	400	0.00	

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg 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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AN         BILL TO       ANA         PO.#:       Company:         City:       State:       City:         PRESERV       Sample Condition       ANA         MATRIX       PRESERV       Sample Condition       ANA         A colspan="2">Colspan="2">City:       ANA         MATRIX       PRESERV       Sample Condition       ANA         MATRIX       PRESERV       Sample Condition       ANA         A colspan="2">Colspan="2">Address:       Colspan="2">Colspan="2">AnA         A colspan="2">Colspan="2">Address:       Colspan="2">Colspan="2">Address:         A colspan="2">Colspan="2">Colspan="2">Address:       Colspan="2">Colspan="2">Address:         Address:       Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"         Address:       Colspan="2"       Colspan="2"         Address:       Colspan="2"       Colspan="2"       Colspan="2"	Relinquished By: Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Address: City: HubbS Phone #: Project Name: Project Location: J. D. Sampler Name: FOR LAB USE ONLY FOR LAB USE ONLY FOR LAB USE ONLY FOR LAB USE ONLY PLEASE NOTE: Lability and Damages. Cardinal's lability and analyses. All claims including these for magigance and any other Service. In no event shall Cardinal to lability and any other Service. In no event shall cardinal to lability and any othe	101 East Maria (575) 393-233
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Page 6 of 6



October 22, 2021

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 10/19/21 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Received:	10/19/2021	Sampling Date:	10/19/2021
Reported:	10/22/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

## Sample ID: SP 1 @ 18' (H212940-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	10/21/2021	ND	416	104	400	3.92	

## Sample ID: SP 1 @ 20' (H212940-02)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2021	ND	416	104	400	3.92	

#### Sample ID: SP 2 @ 16'; (H212940-03)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/21/2021	ND	416	104	400	3.92	

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg 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 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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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	nd received by Cardinal within 30 days a loss of use, or loss of profits incurred b n is based upon any of the above stated	3 of fort, shall be limited to the environment	SLUDGE OTHER : ACID/BASE: ACID/BASE: ACID/BASE: ACID/BASE: OTHER : OTHER : OTHER :	Address: City: State: Zip: Phone #: Fax #: PRESERV S		BILL
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Phone #: all address: Bacteria (only) Sample Condition Bacteria (only) Sample Condition Cool Intact Observed Temp. °C						YSIS RE

# Received by OCD: 6/24/2022 12:00:16 AM

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December 01, 2021

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

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 11/30/21 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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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



NONE GIVEN

MONUMENT, NM

Tamara Oldaker

Sample Received By:

## Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432 11/30/2021 Sampling Date: 11/30/2021 12/01/2021 Sampling Type: Soil J R PHILLIPS #8 Sampling Condition: Cool & Intact

## Sample ID: H 1 (H213419-01)

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/	/kg	Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25		
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5		
Total BTEX	<0.300	0.300	12/01/2021	ND						
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 69.9-14	0							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/01/2021	ND	432	108	400	3.77		
TPH 8015M	mg/	/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	200	99.8	200	5.26		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	205	103	200	3.62		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						
Surrogate: 1-Chlorooctane 85.4 % 44.3-13.		3								
Surrogate: 1-Chlorooctadecane	83.8	% 38.9-14	2							

#### Cardinal Laboratories

\*=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



		BRUCE BA	1arland Blvd.		
		Fax To:	(575) 393-2432	<u>.</u>	
Received:	11/30/2021			Sampling Date:	11/30/2021
Reported:	12/01/2021			Sampling Type:	Soil
Project Name:	J R PHILLIPS #8			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM				

## Sample ID: H 2 (H213419-02)

BTEX 8021B	mg/kg		Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2021	ND	2.05	102	2.00	8.25	
Toluene*	<0.050	0.050	12/01/2021	ND	2.03	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.99	99.7	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	10.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/01/2021	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	200	99.8	200	5.26	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	205	103	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					
Surrogate: 1-Chlorooctane	lorooctane 90.7 % 44.3-13		3						
Surrogate: 1-Chlorooctadecane	88.2	% 38.9-14	2						

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\*=Accredited Analyte

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Received by OCD: 6/24/2022 12:00:16 AM

CHAIN-OF-CUSTODY AND ANALYS         CHAIN-OF-CUSTODY AND ANALYS         Sate: IV.I. Zpa, 2476       Sate: IV.I. Tro       ANALYSIS REQU         Sate: IV.I. Zpa, 2476       Analysis       Sate: IV.I. Tro       ANALYSIS REQU         Sate: IV.I. Zpa, 2476       Analysis       ANALYSIS REQU         Sate: IV.I. Zpa, 2476       ANALYSIS REQU         Bate: IV.I. Tro       ANALYSIS REQU         IV.I. Tro       ANALYSIS REQU         Bate: IV.I. Zpa, IV.I. Tro       ANALYSIS REQU         IV.I. Tro       ANALYSIS REQU         IV.I. Tro       ANALYSIS REQU         IV.I. ANALYSIS REQU       ANALYSIS REQU         IV.I. Tro       ANALYSIS REQU         IV.I. Tro       ANALYSIS REQU         IV.I. Tro       ANALYSIS REQU         IV.I. Tro       ANALYSIS	Delivered By: (Circle One) Sampler - UPS - Bus - Other: FORM-000 R 3.2 10/07/2	Relinquished By:	analyses. All claims including those for neglic service. In nevent shall Cardinal be liable to affiliates or successors arising out of or relate	PI FASE NOTE: Liability and Damages Care	243	Lab I.D.	FOR LAB USE ONLY	Project Location: V	Project Name:	Project #:	Phone #:	city: Hoblos	Address:	Project Manager: Brow	Company Name: Apur	101 East (575) 3	
BILL TO     ANALYSIS       PO.#     PO.#       PO.#     PO.#       PO.#     PO.#       Phone #     Phone #	Observe Correcte	30.21	unina s liadming and uppins exclusiver entropy to enty gence and any other cause whatsoever shall be dee for incidental or consequential damages, including wi ad to the performance of services hereunder by Carc	dinar's liability and client's exclusive remedy for any			ULLACION, UN	Philips #8		Project Owner:	Fax #:	100		ur Baller	CIN	OFATOFIES Marland, Hobbs, NM 8824 93-2326 FAX (575) 393-247	フロニンリー
CHAIN-OF-CUSTODY AND ANALYSIS         RELL TO       ANALYSIS REQUES         **       Zip:       Analysis       Request         ::::::::::::::::::::::::::::::::::::	A-7     Sample Condition       Q-7     Cool     Intact       Q-8     Pres     Pres       Q-8     No     No       No     No     No	Received By:	comin ansing mixturer based in contract or ton, s mmed warved unless made in writing and receive thout limitation, business interruptions, loss of u final, regardless of whether such claim is based	Jaim arising whether heads in contrast or		# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	Ta	Pho	Stat	City	Add	40	Con	P.0		66 01	
IAIN-OF-CUSTODY AND ANALYSIS       ANALYSIS REQUES       NG       NG <td>CHECKED BY: Tu (Initials) Th Co 5. Please email change</td> <td>Real Real Providence of the second se</td> <td>ed by Cardinal within 30 days after cor set, or loss of profits incurred by client d upon any of the above stated reason</td> <td>chall be limited to the amount gaid by</td> <td></td> <td></td> <td>ESERV.</td> <td>one #:</td> <td></td> <td>7</td> <td>Iress:</td> <td></td> <td>npany:</td> <td>. #:</td> <td></td> <td>2</td> <td>ç</td>	CHECKED BY: Tu (Initials) Th Co 5. Please email change	Real Real Providence of the second se	ed by Cardinal within 30 days after cor set, or loss of profits incurred by client d upon any of the above stated reason	chall be limited to the amount gaid by			ESERV.	one #:		7	Iress:		npany:	. #:		2	ç
	ol Int Yes	/erbal Result: □ Yes □ No Add'I Phone #: Il Results are emailed. Please provide Email address: tEMARKS:	applicable		×,	+ CI > EFTTDH	ING								ANALYSIS REQUEST		HAIN-OF-CUSTODY AND ANALYSIS

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June 08, 2022

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

RE: J R PHILLIPS #8

Enclosed are the results of analyses for samples received by the laboratory on 06/02/22 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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



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

## Analytical Results For:

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

## Sample ID: SP 6 @ 10' (H222342-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1070	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	<10.0	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	% 59.5-14	•						

#### Cardinal Laboratories

#### \*=Accredited Analyte

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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

#### Sample ID: SP 6 @ 12' (H222342-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	GC-NC
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	GC-NC
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	187 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	124	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	1090	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	236	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	126	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	160	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

#### Sample ID: SP 6 @ 14' (H222342-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	24.8	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

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\*=Accredited Analyte

Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

## Sample ID: SP 6 @ 16' (H222342-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	28.2	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	115 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	59.5-14	2						

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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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

## Sample ID: SP 6 @ 18' (H222342-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	28.8	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	114 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

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Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

#### Sample ID: SP 6 @ 20' (H222342-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	<10.0	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	119 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 \$	59.5-14	2						

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Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

#### Sample ID: SP 6 @ 22' (H222342-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	<10.0	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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\*=Accredited Analyte

Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

#### Sample ID: SP 6 @ 24' (H222342-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2022	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	06/04/2022	ND	2.13	107	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/04/2022	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	06/04/2022	ND	6.43	107	6.00	0.565	
Total BTEX	<0.300	0.300	06/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	<10.0	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 66.9-13	6						

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#### \*=Accredited Analyte

Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

#### Sample ID: SP 6 @ 25' (H222342-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	<10.0	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101 9	% 59.5-14	2						

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Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

#### Sample ID: SP 7 @ 10' (H222342-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	<10.0	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	112 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

## Sample ID: SP 7 @ 12' (H222342-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2022	ND	205	103	200	7.34	
DRO >C10-C28*	<10.0	10.0	06/06/2022	ND	201	101	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	06/06/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

## Sample ID: SP 7 @ 14' (H222342-12)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	20.1	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.0	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 7 @ 16' (H222342-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.2	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 7 @ 18' (H222342-14)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.2	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 7 @ 20' (H222342-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.2	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 7 @ 22' (H222342-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.1	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 7 @ 24' (H222342-17)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	77.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.6	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 7 @ 25' (H222342-18)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.6	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 10' (H222342-19)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	278	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	58.6	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	% 59.5-14	2						

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Celez 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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 12' (H222342-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	12.6	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.1	% 59.5-14	2						

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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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 14' (H222342-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	58.5	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	11.9	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	113 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	6 59.5-14	2						

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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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 16' (H222342-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14	2						

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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:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 18' (H222342-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	GC-NC
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	GC-NC
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	65.5	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	776	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	170	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	136	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	147	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 20' (H222342-24)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	10.9	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	12.7	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 22' (H222342-25)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	12.2	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 24' (H222342-26)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.4	% 59.5-14	2						

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	J R PHILLIPS #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

### Sample ID: SP 8 @ 25' (H222342-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	2.10	105	2.00	4.89	
Toluene*	<0.050	0.050	06/06/2022	ND	2.07	103	2.00	4.53	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.93	96.7	2.00	3.90	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.99	99.8	6.00	3.19	
Total BTEX	<0.300	0.300	06/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/06/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.5	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 197 of 201

orator

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	BILL TO	ANALYSIS REQUEST
Project Manager: Proceeding	P.O. #:	
	Company:	
City: עםשטסצ State: Zip:	Attn:	
Phone #: Fax #:	Address:	
Project #: Project Owner:	City:	
ame:	State: Zip:	
Project Instition: NR Phillips #8	Phone #:	
	Fax #:	
Sampler Name: Jon (Jun Screves 17-	MATRIX PRESERV. SAMPLING	
C)OMP.	ATER ER	
GRAD OR (C) # CONTAINED	GROUNDWA WASTEWATE SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	Ext T BTE
Spie ello'	× 20% = 2 %	
Ne o exis	XEO	
506		
NOT COLO	X X Wiel	
600 000	X 80.	
hee old b		82
20000 C	at the state shall be limited to the amount raid by the client for the	
PIEASE MOTE: Liability and Demages. Cardina's liability and clients exclusive intrusy run with many minore and the standard of the a analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless mode in writing and received by Cardinal within 30 days after completion of the a analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless mode in writing and received by Cardinal within 30 days after completion of the a service in on event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profis incurred by client, its subsidiaries, service	PLEASE NOTE: Liability and Chanages. Cardina's liability and clients exclusive turning violation and united violation and united violation and united violation and united violations including those for negligence and any other cause whatsbewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All clients including those for negligence and any other cause whatsbewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All clients including those for negligence and any other cause whatsbewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. In clients including those for negligence and any other cause whatsbewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. In clients including those for negligence and any other cause whatsbewer shall be deemed waived unless made in the applicable and any other cause whatsbewer shall be deemed waived unless made in the applicable and any other cause whatsbewer shall be deemed waived unless made in the applicable and the applicable and the applicable and any other cause whatsbewer shall be deemed waived unless made in the applicable and the applic	
ariliates or successors arising outper or rehited to the performance of performan	Adval, legandless of whether such claim is used upon any or use wave of the version of the versi	Verbal Result:  Verbal Result:  Verbal Results are emailed.  Please provide Email address:
Coldentine 125	GOOD JUNJAN REMARKS:	
Time:		5
Delivered By: (Circle One) Observed Temp. °C	n CHECKED BY:	Standard A
Corrected Temp. °C	Thermometer ID #113 Correction Factor -0.5°C	°C No Corrected Temp. °C

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by	, <b>OCD</b> :	6/24/2022	12:00:16 AM
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SAMPLING     H       SAMPLING     H       DATE     TIME       IDATE     TIME       IDATE     TIME       IDATE     IDATE       IDATE     TIME       IDATE     IDATE       IDATE     TIME       IDATE     IDATE       IDATE     TIME       IDATE     IDATE	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
PO. #:     PO. #:       Sample LD.     Sample LD.       Sample LD.     NOTON       Project Owner:     State:       Project Owner:     Project Owner:       Project Owner:	Aniche	BILL TO	ANALYSIS REQUESI
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Page 31 of 32

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

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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

COMMENTS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	119803
	Action Type:
	[C-141] Release Corrective Action (C-141)
COMMENTS	

### Created By Comment Amended remediation jharimon

COMMENTS

Page 200 of 201

Action 119803

Comment Date

6/24/2022

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

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

CONDITIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	119803
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Create By	1 Condition	Condition Date
jnob	Amended Remediation Plan Approved with Conditions. Please submit confirmation soil sample laboratory data from area SP-1 to OCD prior to backfilling activities. OCD approves the installation of a temporary well near SP-6.	7/7/2022

Action 119803