



2350 W Marland Blvd Hobbs, NM 88240

Closure Report

October 28, 2020

Re: Turner Battery Transfer Line
Case #: NRM202346184

On 07/28/2020 a release occurred due to a 3rd party contractor striking an above ground flow line with the blade of a backhoe resulting in a loss of produced water. The release (GPS: 32.46680, -103.15340) is located north of Eunice, NM in unit letter F section 22 township 21S range 37E. A groundwater survey was conducted utilizing the NMOSE and USGS wells of record. The nearest well suggest that groundwater beneath the release is 35 feet below ground surface.

On 8/6/2020 a one vertical point was fully delineated inside of the release area to a depth of 2 feet. This sample was submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX.

On 8/12/2020 the release area was excavated to a depth 1' foot. 5-point bottom and wall composite samples were collected not exceeding 200 square feet and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Analytical data confirms the excavation meets table 1 standards for releases less than 50 feet to groundwater. All excavated material (12 yards) was taken to an NMOCD approved facility. The area was backfilled with clean topsoil from the surrounding area and contoured. The disturbed area will be reseeded with the surface landowner's guidelines.

Apache Corporation has complete remediation and respectfully request that the event be closed.

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

Submitted by;

Bruce Baker

Environmental Technician
larry.baker@apachecorp.com
Cell# 432-631-6982
Off# 575-393-7106

Incident ID	NRM2022346184
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>35</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

Characterization Report Checklist: *Each of the following items must be included in the report.*

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2022346184
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Jeff Broom Title: Environmental Tech III
Signature: *Jeff Broom* Date: 10/28/2020
email: Jeffrey.Broom@apachecorp.com Telephone: 432.664.4677

OCD Only

Received by: Cristina Eads Date: 12/30/2020

Incident ID	NRM2022346184
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jeff Broom

Title: Environmental Tech III

Signature: Jeff Broom

Date: 10/28/2020

email: Jeffrey.Broom@apachecorp.com

Telephone: 432.664.4677

OCD Only

Received by: Cristina Eads

Date: 12/30/2020








Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: 12/30/2020

Printed Name: Cristina Eads

Title: Environmental Specialist

Show search results for 32.466...








New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01575 POD2	2	2	1	22	21S	37E	673615	3594181 
Driller License:	1456	Driller Company:				WHITE DRILLING COMPANY			
Driller Name:	WHITE, JOHN W								
Drill Start Date:	12/15/2015	Drill Finish Date:				12/16/2015		Plug Date:	
Log File Date:	12/30/2015	PCW Rcv Date:				Source:			Shallow
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	2.00	Depth Well:				35 feet		Depth Water: 35 feet	
Water Bearing Stratifications:					Top	Bottom	Description		
					32	33	Sandstone/Gravel/Conglomerate		
					33	35	Shale/Mudstone/Siltstone		
Casing Perforations:					Top	Bottom			
					25	35			

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.


9/22/20 12:48 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01575 POD1	1	2	1	22	21S	37E	673544	3594204 
<hr/>									
Driller License:	1456	Driller Company:				WHITE DRILLING COMPANY			
Driller Name:	WHITE, JOHN W								
Drill Start Date:	12/15/2015	Drill Finish Date:				12/16/2015		Plug Date:	
Log File Date:	12/30/2015	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:	2.00	Depth Well:				40 feet		Depth Water:	35 feet
<hr/>									
Water Bearing Stratifications:					Top	Bottom	Description		
					23	38	Sandstone/Gravel/Conglomerate		
					38	40	Shale/Mudstone/Siltstone		
<hr/>									
Casing Perforations:					Top	Bottom			
					30	40			
<hr/>									

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.

9/22/20 12:47 PM

POINT OF DIVERSION SUMMARY

Radius

Buffer Size (miles) : 0.5

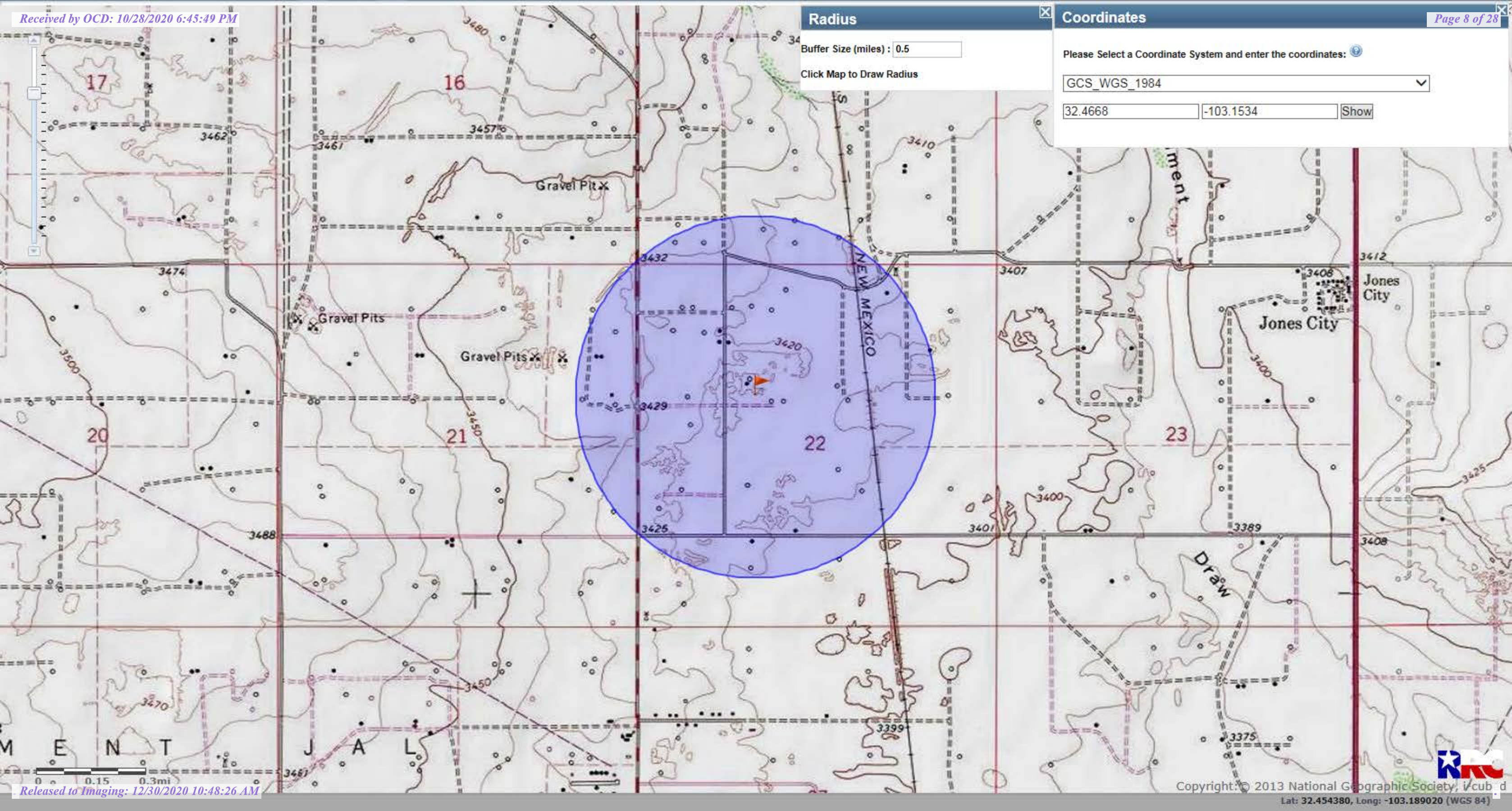
Click Map to Draw Radius

Coordinates

Please Select a Coordinate System and enter the coordinates:

GCS_WGS_1984

32.4668 -103.1534 Show





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Google earth



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

August 12, 2020

BRANDON PRICE

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/06/20 13:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/06/2020	Sampling Date:	08/06/2020
Reported:	08/12/2020	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SURFACE (H002045-01)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2020	ND	1.85	92.6	2.00	5.01	
Toluene*	<0.050	0.050	08/07/2020	ND	1.85	92.4	2.00	5.17	
Ethylbenzene*	<0.050	0.050	08/07/2020	ND	1.84	92.2	2.00	5.33	
Total Xylenes*	<0.150	0.150	08/07/2020	ND	5.29	88.1	6.00	5.30	
Total BTEx	<0.300	0.300	08/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	08/07/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2020	ND	203	102	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/07/2020	ND	210	105	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/07/2020	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.5 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/06/2020	Sampling Date:	08/06/2020
Reported:	08/12/2020	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 1' (H002045-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2020	ND	1.85	92.6	2.00	5.01	
Toluene*	<0.050	0.050	08/07/2020	ND	1.85	92.4	2.00	5.17	
Ethylbenzene*	<0.050	0.050	08/07/2020	ND	1.84	92.2	2.00	5.33	
Total Xylenes*	<0.150	0.150	08/07/2020	ND	5.29	88.1	6.00	5.30	
Total BTEX	<0.300	0.300	08/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 73.3-129

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	08/07/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2020	ND	203	102	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/07/2020	ND	210	105	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/07/2020	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.9 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/06/2020	Sampling Date:	08/06/2020
Reported:	08/12/2020	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: 2' (H002045-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2020	ND	1.85	92.6	2.00	5.01	
Toluene*	<0.050	0.050	08/07/2020	ND	1.85	92.4	2.00	5.17	
Ethylbenzene*	<0.050	0.050	08/07/2020	ND	1.84	92.2	2.00	5.33	
Total Xylenes*	<0.150	0.150	08/07/2020	ND	5.29	88.1	6.00	5.30	
Total BTEX	<0.300	0.300	08/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/07/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2020	ND	203	102	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/07/2020	ND	210	105	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/07/2020	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.0 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 6



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

August 18, 2020

BRANDON PRICE

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/12/20 14:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/12/2020	Sampling Date:	08/12/2020
Reported:	08/18/2020	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: W 1 (H002097-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2020	ND	1.94	97.2	2.00	3.55	
Toluene*	<0.050	0.050	08/14/2020	ND	1.93	96.6	2.00	3.80	
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	1.91	95.6	2.00	3.09	
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.58	93.0	6.00	3.04	
Total BTX	<0.300	0.300	08/14/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/14/2020	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2020	ND	195	97.4	200	11.6	
DRO >C10-C28*	<10.0	10.0	08/13/2020	ND	209	104	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/13/2020	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/12/2020	Sampling Date:	08/12/2020
Reported:	08/18/2020	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: W 2 (H002097-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.20	
Toluene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.88	98.0	6.00	5.31	
Total BTEX	<0.300	0.300	08/14/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/14/2020	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2020	ND	195	97.4	200	11.6	
DRO >C10-C28*	<10.0	10.0	08/14/2020	ND	209	104	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/14/2020	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/12/2020
 Reported: 08/18/2020
 Project Name: TURNER BATTERY
 Project Number: TRANSFER LINE
 Project Location: NONE GIVEN

Sampling Date: 08/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 3 (H002097-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.20	
Toluene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.88	98.0	6.00	5.31	
Total BTX	<0.300	0.300	08/14/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	08/14/2020	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2020	ND	195	97.4	200	11.6	
DRO >C10-C28*	<10.0	10.0	08/14/2020	ND	209	104	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/14/2020	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/12/2020
 Reported: 08/18/2020
 Project Name: TURNER BATTERY
 Project Number: TRANSFER LINE
 Project Location: NONE GIVEN

Sampling Date: 08/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 4 (H002097-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.20		
Toluene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	2.02	101	2.00	5.26		
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.88	98.0	6.00	5.31		
Total BTEX	<0.300	0.300	08/14/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/14/2020	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	08/14/2020	ND	195	97.4	200	11.6	
DRO >C10-C28*	<10.0	10.0	08/14/2020	ND	209	104	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/14/2020	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/12/2020
 Reported: 08/18/2020
 Project Name: TURNER BATTERY
 Project Number: TRANSFER LINE
 Project Location: NONE GIVEN

Sampling Date: 08/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 1 (H002097-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.20	
Toluene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.88	98.0	6.00	5.31	
Total BTEX	<0.300	0.300	08/14/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/14/2020	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	08/14/2020	ND	195	97.4	200	11.6	
DRO >C10-C28*	<10.0	10.0	08/14/2020	ND	209	104	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/14/2020	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/12/2020
 Reported: 08/18/2020
 Project Name: TURNER BATTERY
 Project Number: TRANSFER LINE
 Project Location: NONE GIVEN

Sampling Date: 08/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 2 (H002097-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.20	
Toluene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.88	98.0	6.00	5.31	
Total BTEX	<0.300	0.300	08/14/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/14/2020	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	08/14/2020	ND	195	97.4	200	11.6	
DRO >C10-C28*	<10.0	10.0	08/14/2020	ND	209	104	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/14/2020	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/12/2020	Sampling Date:	08/12/2020
Reported:	08/18/2020	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: B 3 (H002097-07)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.20		
Toluene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	2.02	101	2.00	5.26		
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.88	98.0	6.00	5.31		
Total BTX	<0.300	0.300	08/14/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2020	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	08/14/2020	ND	195	97.4	200	11.6	
DRO >C10-C28*	<10.0	10.0	08/14/2020	ND	209	104	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/14/2020	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/12/2020	Sampling Date:	08/12/2020
Reported:	08/18/2020	Sampling Type:	Soil
Project Name:	TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: B 4 (H002097-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.20	
Toluene*	<0.050	0.050	08/14/2020	ND	2.04	102	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/14/2020	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	08/14/2020	ND	5.88	98.0	6.00	5.31	
Total BTEX	<0.300	0.300	08/14/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/14/2020	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	08/13/2020	ND	180	89.8	200	9.79	
DRO >C10-C28*	<10.0	10.0	08/13/2020	ND	177	88.6	200	9.21	
EXT DRO >C28-C36	<10.0	10.0	08/13/2020	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: HPackit		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Brendon Porter		Company: Diamond Beach					
Address:		Attn:					
City: Hobbs		Address:					
State: NM		City:					
Zip: 88210		State:					
Phone #:		Zip:					
Fax #:							
Project #:							
Project Name: Turner Battery Transfer Unit							
Project Location:							
Sample Name: SSR Disposal		Fax #:					
FOR LAB USE ONLY							
Lab I.D.		Sample I.D.					
HB02097 1 W01 2 W02 3 W03 4 W04 5 B1 4 B2 3 B3 2 B4		(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
OTHER :							
DATE		TIME					
9/12		9:41		CI			
		9:43		BTEX			
		9:45		EXT TPH			
		9:47					
		9:55					
		9:57					
		9:59					
		10:03					

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Relinquished By: Rose Deard		Date: 9/12/12		Received By: Heidi Henderson		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Relinquished By:		Time: 1:58		Received By:		All Results are emailed. Please provide Email address:	
Date:		Time:					
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: Heidi Henderson	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
				Thermometer ID #97		Bacteria (only) Sample Condition	
				Correction Factor +0.4 °C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
						Observed Temp. °C	
						Corrected Temp. °C	

REMARKS: **Email Results to Brenda Porter**



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

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

CONDITIONS

Action 10903

CONDITIONS OF APPROVAL

Operator: #1000	APACHE CORPORATION Midland, TX79705	303 Veterans Airpark Ln	OGRID: 873	Action Number: 10903	Action Type: C-141
OCD Reviewer ceads	Condition None				