



Cheddar CTB 2 Skid 1
NAPP22326145141

Remediation Summary



2525 NW County Rd

Hobbs, NM 88240

[\(575\) 392-9996](tel:5753929996)

Introduction

This report represents the results of remediation activities at the Cheddar CTB 2 Skid 1. On behalf of DKL Energy – Cottonwood, LLC (Delek), Diamondback Disposal Services, Inc. (Diamondback) was tasked with the cleanup and remediation of release NAPP22326145141. The release occurred in Unit Letter M, Section 5, Township 2S, Range 32E at coordinates 32.4161239, -103.7031741. The remediation was performed in general accordance with the New Mexico Oil Conservation Division (NMOCD) and 19.15.29 of the New Mexico Administrative Code (NMAC) effective date August 14, 2018.

Overview

The spill site was located near the battery containment inside of a skid within Federal land. The affected area consisted solely of caliche. The adulterant encroached onto the battery pad from the skid. The cause of flooding was a mechanical issue in an air eliminator. Approximately 5 bbls of crude oil was leaked and 5 bbls were recovered. All figures were calculated based on normal flow rates.

Regulatory Guidelines

Upon review of the site characteristics it was found that there were no usable water data within a half mile radius. Therefore Table 1 NMAC 19.15.29.12 closure criteria for groundwater less than 50ft (See Table Below) was utilized.

Table 1 NMAC 19.15.29.12		
Closure Criteria for Soils Impacted by a Release		
<50 Feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

Remediation Activities

Between the dates of September 15th, 2023 and September 21st, 2023 Diamondback excavated approximately 250 cubic yards (cy) of impacted material. It was placed on 6mil plastic liner, covered with 6mil plastic and stored until a full laboratory analysis was completed as of NMOCD regulation for non-exempt waste. The total depth of excavation was 3 feet BGS. Between the dates of September 16th, 2023 and September 21st, 2023 the site was sampled to determine the RRAL's had been met. Five-point composite samples were collected every 200 square feet of side wall and 200 square feet of floor area. Samples were packaged and delivered to a third-party lab, with chain of custody for testing as per regulatory standards. (See attached analytical). Upon review of analytical results, all samples proved to be below table 1 RRAL's for site closure. Being that Table 1 Closure Criteria for groundwater 50' BGS, meet RRAL's.

Subsequently on September 29th and October 7th, the site was back-filled with approximately 228 cy of like material obtained from a local source. Back-fill was placed in a manner that will restore the batteries location back to operating condition and prevent storm water runoff.

On October 25th, 2023 Diamondback received clearance for disposal of the non-exempt waste and promptly began scheduling disposal efforts. November 1st, 2023 approx. 250 cy was loaded onto trucks and hauled to the R360 Halfway site for disposal.

Conclusion

Upon review of all analytical data provided by the third-party independent lab, results indicated that all recommended remediation action levels and restoration/reclamation criteria were met for all excavated areas. On behalf of Delek, we respectfully request the NMOCD grant closure approval for the Cheddar CTB 2 Skid 1, NAPP22326145141.

Cheddar Fed Com 501H Wall Summary														
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE TYPE	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
W 1 WALL	H235018-01	0-3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W 2 WALL	H235018-02	0-3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W 3 WALL	H235018-02	0-3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
Cheddar Fed Com 501H Floor Sample Summary														
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE TYPE	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
B 1 FLOOR	H235017-01	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B 2 FLOOR	H235017-02	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.2	<10.0	11.2	32.0
B 3 FLOOR	H235017-03	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.7	<10.0	48.7	<16.0
B 4 FLOOR	H235017-04	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	62.4	<10.0	62.4	16.0
B 5 FLOOR	H235017-05	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
B 6 FLOOR	H235017-06	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.7	<10.0	19.7	32.0
B 7 FLOOR	H235017-07	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.5	<10.0	22.5	16.0
B 7 FLOOR	H235017-07	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
B 8 FLOOR	H235017-08	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B 9 FLOOR	H235017-09	3'	COMP	9/16/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
Cheddar Fed Com 501H Horizontal Delineation Summary														
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE TYPE	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
S1	H235139-01	SURFACE	GRAB	9/21/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
S2	H235139-02	SURFACE	GRAB	9/21/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
S3	H235139-03	SURFACE	GRAB	9/21/23	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0



Cheddar CTB 2
Skid 1 Release
Incident nAPP2326145141
32.415006, -103.703956
Lea County, NM



Diamondback Disposal
Services, Inc
P.O. Box 2491
Hobbs, NM 88241
575-392-9996

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

QUESTIONS

Action 266390

QUESTIONS

Operator: DKL Energy - Cottonwood, LLC 7102 Commerce Way Brentwood, TN 37027	OGRID: 330291
	Action Number: 266390
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	chedder CTB 2 Skid 1
Date Release Discovered	09/12/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 5 BBL Recovered: 5 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Air eliminator issues

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QUESTIONS, Page 2
Action 266390

QUESTIONS (continued)

Operator: DKL Energy - Cottonwood, LLC 7102 Commerce Way Brentwood, TN 37027	OGRID: 330291
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	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More volume information must be supplied to determine if this will be treated as a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	No, minor release.
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	Not answered.
If YES, was immediate notice given to the OCD, to whom	Not answered.
If YES, was immediate notice given to the OCD, when	Not answered.
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Not answered.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Waiting on profile to remove excavated soil from the site
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Action 266390

ACKNOWLEDGMENTS

Operator: DKL Energy - Cottonwood, LLC 7102 Commerce Way Brentwood, TN 37027	OGRID: 330291
	Action Number: 266390
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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CONDITIONS

Action 266390

CONDITIONS

Operator: DKL Energy - Cottonwood, LLC 7102 Commerce Way Brentwood, TN 37027	OGRID: 330291
	Action Number: 266390
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
cassiewhitefield	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/18/2023

RE: [EXTERNAL] 48hr Notice Incident #nAPP2314453161.

From: "Rodgers, Scott, EMNRD" <Scott.Rodgers@emnrd.nm.gov>

To: Jason Owsley <jasono@diamondbacknm.com>

Cc: "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>

Date: Mon, 18 Sep 2023 19:32:16 +0000 (09/18/2023 01:32:16 PM)

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,
Scott

Scott Rodgers • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113

505.469.1830 | scott.rodgers@emnrd.nm.gov

<http://www.emnrd.nm.gov/oed>



From: Jason Owsley <jasono@diamondbacknm.com>

Sent: Monday, September 18, 2023 1:30 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] 48hr Notice Incident #nAPP2314453161.

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

Please let this serve as a 48 hour notice to complete confirmation sampling at the DKL Energy Cottonwood, LLC chedder CTB 2 Skid 1, located at 32.415006, -103.703956

Incident #nAPP2314453161.

Sampling will take place at 8:00 am on Thursday September, 21st, 2023.

If you need further information please feel free to reach out.

--

Jason Owsley

Phone (575)602-5998

Email: jasono@diamondbacknm.com



2525 NW County Rd.
Hobbs, NM 88240

RE: CHEDDAR CTB SKID 1

From: Les Elliott <LesE@r360es.com>

To: Jason Owsley <jasono@diamondbacknm.com>

Date: Wed, 25 Oct 2023 21:31:13 +0000 (10/25/2023 03:31:13 PM)

Jason,

This material for Delek is approved for disposal sir,

Best,

Les

Les Elliott

O: 575.393.1079 | C: 575.602.8596

From: Jason Owsley <jasono@diamondbacknm.com>

Sent: Friday, October 6, 2023 2:40 PM

To: Les Elliott <LesE@r360es.com>

Subject: Fwd: CHEDDAR CTB SKID 1

----- Forwarded message -----

From: **Celey Keene** <Celey.Keene@cardinallabsnm.com>

Date: Fri, Oct 6, 2023 at 2:19 PM

Subject: CHEDDAR CTB SKID 1

To: Justin Roberts (diamondback2491@yahoo.com) <diamondback2491@yahoo.com>, Jason Owsley (jasono@diamondbacknm.com) <jasono@diamondbacknm.com>, yesenial@diamondbacknm.com <yesenial@diamondbacknm.com>

THANK YOU,

Celey Keene

Lab Director / Owner

Cardinal Laboratories

[101 East Marland](#)

[Hobbs, NM 88240](#)

T: (575) 393-2326

F: (575) 393-2476

e-mail: celey.keene@cardinallabsnm.com

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<u>Sample ID</u>	<u>Soil</u>	<u>Water</u>	<u>Ratio</u>	<u>AgNO3</u>	<u>Cl Result</u>	<u>MR3000</u>	<u>Depth</u>
W1	11.97	30.75	2.57	0.02	51	0.00	0-3
W2	12.2	29.51	2.42	0.02	48	0.00	0-3
W3	2.13	29.2	13.71	0.02	274	0.00	0-3
<u>Sample ID</u>	<u>Soil</u>	<u>Water</u>	<u>Ratio</u>	<u>AgNO3</u>	<u>Cl Result</u>	<u>MR3000</u>	<u>Depth</u>
B1	12.57	27.95	2.22	0.02	44	8.30	3'
B2	12.81	29.05	2.27	0.02	45	10.70	3'
B3	11.07	32.69	2.95	0.02	59	28.20	3'
B4	12.84	28.15	2.19	0.02	44	22.30	3'
B5	12.14	28.55	2.35	0.02	47	4.10	3'
B6	11.63	31.18	2.68	0.02	54	8.70	3'
B7	12.8	31.77	2.48	0.02	50	17.70	3'
B8	12.2	30	2.46	0.02	49	0.00	3'
B9	11.98	29.55	2.47	0.02	49	0.00	3'
<u>Sample ID</u>	<u>Soil</u>	<u>Water</u>	<u>Ratio</u>	<u>AgNO3</u>	<u>Cl Result</u>	<u>MR3000</u>	<u>Depth</u>
S1	13.12	29.39	2.24		0		Surface
S2	12.93	29.65	2.29		0		Surface
S3	13.16	30.82	2.34		0		Surface







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

September 20, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: CHEDDAR CTB SKID 1

Enclosed are the results of analyses for samples received by the laboratory on 09/18/23 7:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/18/2023	Sampling Date:	09/16/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	CHEDDAR CTB SKID 1	Sampling Condition:	Cool & Intact
Project Number:	AOS - 106	Sample Received By:	Tamara Oldaker
Project Location:	32.415006,-103.703956		

Sample ID: B 1 @ 3' (H235017-01)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	09/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 2 @ 3' (H235017-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTEX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	09/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	11.2	10.0	09/19/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/19/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 3 @ 3' (H235017-03)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99		
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94		
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985		
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298		
Total BTX	<0.300	0.300	09/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	48.7	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 4 @ 3' (H235017-04)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	62.4	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 5 @ 3' (H235017-05)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99		
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94		
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985		
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298		
Total BTX	<0.300	0.300	09/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 6 @ 3' (H235017-06)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99		
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94		
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985		
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298		
Total BTX	<0.300	0.300	09/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-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	09/18/2023	ND	432	108	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	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	19.7	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 7 @ 3' (H235017-07)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/18/2023	ND	432	108	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	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	22.5	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 8 @ 3' (H235017-08)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-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	09/18/2023	ND	432	108	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	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 9 @ 3' (H235017-09)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/18/2023	ND	432	108	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	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

BILL TO

ANALYSIS REQUEST

Project Manager: Justin Roberts

P.O. #: Company: Diamondback Disposals

Address: 2525 NW County RD

City: Hobbs

State: NM ZIP: 88240

Attn: Yessenia Lopes

Phone #: (575)-392-9996

Address:

Project #: AOS-106

City:

Project Name: Cheddar CTB Skid 1

State: Zip:

Project Location: 32.415006, -103.703956

Phone #:

Sampler Name: Jason Owsley

Fax #:

Lab I.D.

Sample I.D.

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT TPH	BTEX										
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :											
H235617																						
1 B1 @ 3'	C	1	X										9/16/23	11:18 AM	X	X	X					
2 B2 @ 3'	C	1	X										9/16/23	11:20 AM	X	X	X					
3 B3 @ 3'	C	1	X										9/16/23	11:22 AM	X	X	X					
4 B4 @ 3'	C	1	X										9/16/23	11:24 AM	X	X	X					
5 B5 @ 3'	C	1	X										9/16/23	11:26 AM	X	X	X					
6 B6 @ 3'	C	1	X										9/16/23	11:28 AM	X	X	X					
7 B7 @ 3'	C	1	X										9/16/23	11:30 AM	X	X	X					
8 B8 @ 3'	C	1	X										9/16/23	1:30 PM	X	X	X					
9 B9 @ 3'	C	1	X										9/16/23	1:32 PM	X	X	X					

LABORATORY NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract 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 received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 9-18-23 Received By: *[Signature]* Time: 1752

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C: -1.7
Corrected Temp. °C:

Sample Condition
Cool ☒ Intact ☒
No ☐ No ☐

CHECKED BY: (Initials)
YO

Turnaround Time: Standard ☒ Rush ☐
Thermometer ID #443 #140
Correction Factor .045C

Bacteria (only) Sample Condition
Yes ☐ No ☐
Corrected Temp. °C

Verbal Result: ☐ Yes ☐ No
All Results are emailed. Please provide Email address: jasono@diamondbacknm.com / yessenial@diamondbacknm.com / Justin

Additional Phone #:



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

September 20, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: CHEDDAR CTB SKID 1

Enclosed are the results of analyses for samples received by the laboratory on 09/18/23 7:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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.
 JUSTIN ROBERTS
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/18/2023	Sampling Date:	09/16/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	CHEDDAR CTB SKID 1	Sampling Condition:	Cool & Intact
Project Number:	AOS - 106	Sample Received By:	Tamara Oldaker
Project Location:	32.415006,-103.703956		

Sample ID: W 1 @ 0-3' (H235018-01)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/18/2023	ND	432	108	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	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W 2 @ 0-3' (H235018-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99	
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985	
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298	
Total BTEX	<0.300	0.300	09/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/18/2023	ND	432	108	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	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/18/2023
 Reported: 09/20/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W 3 @ 0-3' (H235018-03)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2023	ND	2.07	104	2.00	1.99		
Toluene*	<0.050	0.050	09/18/2023	ND	2.24	112	2.00	4.94		
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	2.25	112	2.00	0.985		
Total Xylenes*	<0.150	0.150	09/18/2023	ND	6.85	114	6.00	0.0298		
Total BTEx	<0.300	0.300	09/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-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	09/18/2023	ND	432	108	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	09/18/2023	ND	187	93.7	200	2.93	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	193	96.6	200	0.00207	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

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

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs

Phone #: (575)-392-9996

Project #: AOS-106

Project Name: Cheddar CTB Skid 1

Project Location: 32.415006, -103.703956

Sampler Name: Jason Owsley

Lab I.D.

Sample I.D.

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Diamondback Disposals

Attn: Yesenia Lopes

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV.

SAMPLING

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

EXT

TPH

BTEX

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

FORM-006 R 3.2 10/07/21

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

October 06, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: CHEDDAR CTB SKID 1

Enclosed are the results of analyses for samples received by the laboratory on 09/18/23 16:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
STOCKPILE 1	H235031-01	Solid	18-Sep-23 00:00	18-Sep-23 16:52

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.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

STOCKPILE 1
H235031-01 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Ignitability	>140		50.0	°F	1	3081432	AC	22-Sep-23	ASTM D 93-80	
pH*	8.28		0.100	pH Units	1	3092111	AC	23-Sep-23	9045	
Temperature °C	20.2			pH Units	1	3092111	AC	23-Sep-23	9045	
Reactive Cyanide	<0.100		0.100	mg/kg	1	3092112	AC	25-Sep-23	9010	
Reactive Sulfide	0.0600		0.0100	mg/kg	1	3092112	AC	25-Sep-23	9030	

Radionuclides**SUB-RS**

Radium-226	0.27 ± 0.01			pCi/gram	1	3092136	CK	29-Sep-23	GammaRay HPGE	
Radium-228	0.29 ± 0.02			pCi/gram	1	3092136	CK	29-Sep-23	GammaRay HPGE	
Total Radium	0.66 ± 0.02			pCi/gram	1	3092136	CK	29-Sep-23	GammaRay HPGE	

TCLP Semivolatile Organic Compounds by GCMS

Pyridine*	<0.010		0.010	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
1,4-Dichlorobenzene*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
2-Methylphenol*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
4-Methylphenol*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
Hexachloroethane*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
Nitrobenzene*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
Hexachlorobutadiene*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
2,4,6-Trichlorophenol*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
2,4,5-Trichlorophenol*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
2,4-Dinitrotoluene*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
Hexachlorobenzene*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	
Pentachlorophenol*	<0.005		0.005	mg/L	5	3092045	MS	02-Oct-23	1311/8270C	QM-07
Surrogate: 2-Fluorophenol			54.3 %	10.4-64.4		3092045	MS	02-Oct-23	1311/8270C	
Surrogate: Phenol-d5			36.3 %	-46.9-108		3092045	MS	02-Oct-23	1311/8270C	
Surrogate: Nitrobenzene-d5			83.8 %	20.3-96.6		3092045	MS	02-Oct-23	1311/8270C	

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.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

STOCKPILE 1
H235031-01 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**TCLP Semivolatile Organic Compounds by GCMS**

Surrogate: 2-Fluorobiphenyl	72.4 %	18.9-97.9	3092045	MS	02-Oct-23	1311/8270C
Surrogate: 2,4,6-Tribromophenol	88.0 %	31-103	3092045	MS	02-Oct-23	1311/8270C
Surrogate: Terphenyl-d14	80.4 %	14.7-112	3092045	MS	02-Oct-23	1311/8270C

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Vinyl chloride*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
2-Butanone*	<0.100	0.100	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
1,1-Dichloroethene*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
Chloroform*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
Carbon tetrachloride*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
Benzene*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
1,2-Dichloroethane*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
Trichloroethene*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
Tetrachloroethene*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
Chlorobenzene*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
1,4 Dichlorobenzene*	<0.025	0.025	mg/L	50	3092126	MS	21-Sep-23	1311/8260B
Surrogate: Dibromofluoromethane			108 %	82.4-141	3092126	MS	21-Sep-23	1311/8260B
Surrogate: Toluene-d8			104 %	87.1-110	3092126	MS	21-Sep-23	1311/8260B
Surrogate: 4-Bromofluorobenzene			90.5 %	76.4-114	3092126	MS	21-Sep-23	1311/8260B

Green Analytical Laboratories**TCLP Metals by ICP (1311)**

Arsenic	<1.00	1.00	mg/L	10	B232936	AES	05-Oct-23	EPA200.7/13 11
Barium	0.711	0.500	mg/L	10	B232936	AES	05-Oct-23	EPA200.7/13 11
Cadmium	<0.500	0.500	mg/L	10	B232936	AES	05-Oct-23	EPA200.7/13 11

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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.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

STOCKPILE 1**H235031-01 (Solid)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Green Analytical Laboratories**TCLP Metals by ICP (1311)**

Chromium	<0.500		0.500	mg/L	10	B232936	AES	05-Oct-23	EPA200.7/13 11	
Lead	<1.00		1.00	mg/L	10	B232936	AES	05-Oct-23	EPA200.7/13 11	
Selenium	<1.00		1.00	mg/L	10	B232936	AES	05-Oct-23	EPA200.7/13 11	
Silver	<0.500		0.500	mg/L	10	B232936	AES	05-Oct-23	EPA200.7/13 11	M5

TCLP Mercury by CVAFS

Mercury	<100		100	ng/L	1	B232890	CAI	27-Sep-23	EPA245.7/13 11	
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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3081432 - General Prep - Wet Chem**LCS (3081432-BS1)**

Prepared: 15-Aug-23 Analyzed: 16-Aug-23

Ignitability	78.0		°F	80.0	97.5	93.75-106.3			
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Duplicate (3081432-DUP1)

Source: H234343-01

Prepared & Analyzed: 16-Aug-23

Ignitability	>140	50.0	°F	ND			20		
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Batch 3092111 - General Prep - Wet Chem**LCS (3092111-BS1)**

Prepared: 21-Sep-23 Analyzed: 25-Sep-23

pH	7.03		pH Units	7.00	100	90-110			
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Duplicate (3092111-DUP1)

Source: H235031-01

Prepared: 21-Sep-23 Analyzed: 25-Sep-23

pH	8.31	0.100	pH Units	8.28			0.362	20	
Temperature °C	20.1		pH Units	20.2			0.496	200	

Batch 3092112 - General Prep - Wet Chem**Blank (3092112-BLK1)**

Prepared: 21-Sep-23 Analyzed: 25-Sep-23

Reactive Sulfide	ND	0.0100	mg/kg						
Reactive Cyanide	ND	0.100	mg/kg						

Duplicate (3092112-DUP1)

Source: H235031-01

Prepared: 21-Sep-23 Analyzed: 25-Sep-23

Reactive Sulfide	0.0600	0.0100	mg/kg	0.0600			0.00	20	
Reactive Cyanide	ND	0.100	mg/kg	ND				20	

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

TCLP Semivolatile Organic Compounds by GCMS - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3092045 - SW846-3510**Blank (3092045-BLK1)**

Prepared: 20-Sep-23 Analyzed: 02-Oct-23

Pyridine	ND	0.002	mg/L							
1,4-Dichlorobenzene	ND	0.001	mg/L							
2-Methylphenol	ND	0.001	mg/L							
4-Methylphenol	ND	0.001	mg/L							
Hexachloroethane	ND	0.001	mg/L							
Nitrobenzene	ND	0.001	mg/L							
Hexachlorobutadiene	ND	0.001	mg/L							
2,4,6-Trichlorophenol	ND	0.001	mg/L							
2,4,5-Trichlorophenol	ND	0.001	mg/L							
2,4-Dinitrotoluene	ND	0.001	mg/L							
Hexachlorobenzene	ND	0.001	mg/L							
Pentachlorophenol	ND	0.001	mg/L							
Surrogate: 2-Fluorophenol	0.0149		mg/L	0.0500		29.8	10.4-64.4			
Surrogate: Phenol-d5	0.0111		mg/L	0.0500		22.2	-46.9-108			
Surrogate: Nitrobenzene-d5	0.0225		mg/L	0.0500		45.0	20.3-96.6			
Surrogate: 2-Fluorobiphenyl	0.0248		mg/L	0.0500		49.7	18.9-97.9			
Surrogate: 2,4,6-Tribromophenol	0.0301		mg/L	0.0500		60.3	31-103			
Surrogate: Terphenyl-d14	0.0318		mg/L	0.0500		63.6	14.7-112			

LCS (3092045-BS1)

Prepared: 20-Sep-23 Analyzed: 02-Oct-23

Pyridine	0.006	0.002	mg/L	0.0100		61.2	1-117			
1,4-Dichlorobenzene	0.006	0.001	mg/L	0.0100		63.5	13-106			
2-Methylphenol	0.008	0.001	mg/L	0.0100		76.0	28.2-106			
4-Methylphenol	0.007	0.001	mg/L	0.0100		72.7	1-147			
Hexachloroethane	0.006	0.001	mg/L	0.0100		60.5	7.07-103			
Nitrobenzene	0.008	0.001	mg/L	0.0100		76.9	21.1-128			
Hexachlorobutadiene	0.006	0.001	mg/L	0.0100		62.6	10.3-105			
2,4,6-Trichlorophenol	0.008	0.001	mg/L	0.0100		79.7	28.2-134			
2,4,5-Trichlorophenol	0.008	0.001	mg/L	0.0100		83.5	28.2-136			
2,4-Dinitrotoluene	0.009	0.001	mg/L	0.0100		87.0	28.7-135			
Hexachlorobenzene	0.008	0.001	mg/L	0.0100		79.3	24.8-135			
Pentachlorophenol	0.011	0.001	mg/L	0.0100		110	19.3-129			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

TCLP Semivolatile Organic Compounds by GCMS - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3092045 - SW846-3510**LCS (3092045-BS1)**

Prepared: 20-Sep-23 Analyzed: 02-Oct-23

Surrogate: 2-Fluorophenol	0.0225		mg/L	0.0500		45.0	10.4-64.4			
Surrogate: Phenol-d5	0.0152		mg/L	0.0500		30.5	-46.9-108			
Surrogate: Nitrobenzene-d5	0.0325		mg/L	0.0500		65.0	20.3-96.6			
Surrogate: 2-Fluorobiphenyl	0.0342		mg/L	0.0500		68.4	18.9-97.9			
Surrogate: 2,4,6-Tribromophenol	0.0406		mg/L	0.0500		81.3	31-103			
Surrogate: Terphenyl-d14	0.0370		mg/L	0.0500		73.9	14.7-112			

LCS Dup (3092045-BS1)

Prepared: 20-Sep-23 Analyzed: 02-Oct-23

Pyridine	0.006	0.002	mg/L	0.0100		64.1	1-117	4.63	9.28	
1,4-Dichlorobenzene	0.006	0.001	mg/L	0.0100		61.5	13-106	3.20	5.91	
2-Methylphenol	0.008	0.001	mg/L	0.0100		76.7	28.2-106	0.917	7.22	
4-Methylphenol	0.007	0.001	mg/L	0.0100		71.7	1-147	1.39	63.6	
Hexachloroethane	0.006	0.001	mg/L	0.0100		60.8	7.07-103	0.495	7.41	
Nitrobenzene	0.007	0.001	mg/L	0.0100		73.7	21.1-128	4.25	4.5	
Hexachlorobutadiene	0.006	0.001	mg/L	0.0100		63.2	10.3-105	0.954	9.93	
2,4,6-Trichlorophenol	0.008	0.001	mg/L	0.0100		78.2	28.2-134	1.90	8.15	
2,4,5-Trichlorophenol	0.008	0.001	mg/L	0.0100		81.6	28.2-136	2.30	14.6	
2,4-Dinitrotoluene	0.009	0.001	mg/L	0.0100		87.3	28.7-135	0.344	7.59	
Hexachlorobenzene	0.008	0.001	mg/L	0.0100		80.0	24.8-135	0.879	4.94	
Pentachlorophenol	0.011	0.001	mg/L	0.0100		109	19.3-129	1.00	11.3	
Surrogate: 2-Fluorophenol	0.0224		mg/L	0.0500		44.9	10.4-64.4			
Surrogate: Phenol-d5	0.0163		mg/L	0.0500		32.5	-46.9-108			
Surrogate: Nitrobenzene-d5	0.0347		mg/L	0.0500		69.4	20.3-96.6			
Surrogate: 2-Fluorobiphenyl	0.0330		mg/L	0.0500		66.1	18.9-97.9			
Surrogate: 2,4,6-Tribromophenol	0.0403		mg/L	0.0500		80.7	31-103			
Surrogate: Terphenyl-d14	0.0378		mg/L	0.0500		75.5	14.7-112			

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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.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3092126 - Volatiles**Blank (3092126-BLK1)**

Prepared & Analyzed: 21-Sep-23

Vinyl chloride	ND	0.0005	mg/L							
2-Butanone	ND	0.002	mg/L							
1,1-Dichloroethene	ND	0.0005	mg/L							
Chloroform	ND	0.0005	mg/L							
Carbon tetrachloride	ND	0.0005	mg/L							
Benzene	ND	0.0005	mg/L							
1,2-Dichloroethane	ND	0.0005	mg/L							
Trichloroethene	ND	0.0005	mg/L							
Tetrachloroethene	ND	0.0005	mg/L							
Chlorobenzene	ND	0.0005	mg/L							
1,4 Dichlorobenzene	ND	0.0005	mg/L							

Surrogate: Dibromofluoromethane 0.0246 mg/L 0.0250 98.4 82.4-141

Surrogate: Toluene-d8 0.0262 mg/L 0.0250 105 87.1-110

Surrogate: 4-Bromofluorobenzene 0.0229 mg/L 0.0250 91.5 76.4-114

LCS (3092126-BS1)

Prepared & Analyzed: 21-Sep-23

Vinyl chloride	0.019	0.0005	mg/L	0.0200		93.9	73.4-137			
2-Butanone	0.045	0.002	mg/L	0.0400		113	69.2-152			
1,1-Dichloroethene	0.018	0.0005	mg/L	0.0200		91.6	69.4-135			
Chloroform	0.018	0.0005	mg/L	0.0200		88.6	88.1-124			
Carbon tetrachloride	0.018	0.0005	mg/L	0.0200		91.2	85.8-125			
Benzene	0.021	0.0005	mg/L	0.0200		103	85.9-114			
1,2-Dichloroethane	0.020	0.0005	mg/L	0.0200		98.5	80.8-125			
Trichloroethene	0.021	0.0005	mg/L	0.0200		104	73.1-117			
Tetrachloroethene	0.019	0.0005	mg/L	0.0200		93.3	66.8-126			
Chlorobenzene	0.019	0.0005	mg/L	0.0200		92.8	88.8-112			
1,4 Dichlorobenzene	0.019	0.0005	mg/L	0.0200		97.1	80.9-112			

Surrogate: Dibromofluoromethane 0.0235 mg/L 0.0250 93.9 82.4-141

Surrogate: Toluene-d8 0.0250 mg/L 0.0250 99.8 87.1-110

Surrogate: 4-Bromofluorobenzene 0.0252 mg/L 0.0250 101 76.4-114

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092126 - Volatiles										
LCS Dup (3092126-BSD1)										
Prepared & Analyzed: 21-Sep-23										
Vinyl chloride	0.019	0.0005	mg/L	0.0200		95.8	73.4-137	1.95	23	
2-Butanone	0.042	0.002	mg/L	0.0400		104	69.2-152	8.31	14.2	
1,1-Dichloroethene	0.018	0.0005	mg/L	0.0200		90.2	69.4-135	1.54	16.5	
Chloroform	0.018	0.0005	mg/L	0.0200		87.5	88.1-124	1.25	5.15	BS-3
Carbon tetrachloride	0.018	0.0005	mg/L	0.0200		92.0	85.8-125	0.874	11.4	
Benzene	0.020	0.0005	mg/L	0.0200		102	85.9-114	0.244	4.16	
1,2-Dichloroethane	0.020	0.0005	mg/L	0.0200		98.4	80.8-125	0.152	8.94	
Trichloroethene	0.020	0.0005	mg/L	0.0200		101	73.1-117	2.59	4.92	
Tetrachloroethene	0.019	0.0005	mg/L	0.0200		95.7	66.8-126	2.54	6.38	
Chlorobenzene	0.018	0.0005	mg/L	0.0200		91.1	88.8-112	1.90	5.18	
1,4 Dichlorobenzene	0.019	0.0005	mg/L	0.0200		96.2	80.9-112	0.879	7.71	
Surrogate: Dibromofluoromethane	0.0236		mg/L	0.0250		94.2	82.4-141			
Surrogate: Toluene-d8	0.0250		mg/L	0.0250		99.9	87.1-110			
Surrogate: 4-Bromofluorobenzene	0.0252		mg/L	0.0250		101	76.4-114			

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

TCLP Metals by ICP (1311) - Quality Control**Green Analytical Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B232936 - EPA 1311**Blank (B232936-BLK1)**

Prepared: 02-Oct-23 Analyzed: 05-Oct-23

Selenium	ND	0.500	mg/L							
Barium	ND	0.250	mg/L							
Silver	ND	0.250	mg/L							
Lead	ND	0.500	mg/L							
Chromium	ND	0.250	mg/L							
Cadmium	ND	0.250	mg/L							
Arsenic	ND	0.500	mg/L							

LCS (B232936-BS1)

Prepared: 02-Oct-23 Analyzed: 05-Oct-23

Chromium	4.76	0.250	mg/L	5.00		95.2	85-115			
Cadmium	4.69	0.250	mg/L	5.00		93.9	85-115			
Barium	4.75	0.250	mg/L	5.00		94.9	85-115			
Silver	0.231	0.250	mg/L	0.250		92.5	85-115			
Arsenic	10.6	0.500	mg/L	10.0		106	85-115			
Lead	4.78	0.500	mg/L	5.00		95.5	85-115			
Selenium	21.7	0.500	mg/L	20.0		108	85-115			

LCS Dup (B232936-BSD1)

Prepared: 02-Oct-23 Analyzed: 05-Oct-23

Silver	0.218	0.250	mg/L	0.250		87.4	85-115	5.68	20	
Barium	4.74	0.250	mg/L	5.00		94.8	85-115	0.0706	20	
Lead	4.88	0.500	mg/L	5.00		97.5	85-115	2.07	20	
Cadmium	4.70	0.250	mg/L	5.00		93.9	85-115	0.0521	20	
Selenium	20.3	0.500	mg/L	20.0		101	85-115	6.60	20	
Chromium	4.76	0.250	mg/L	5.00		95.1	85-115	0.0947	20	
Arsenic	10.1	0.500	mg/L	10.0		101	85-115	4.88	20	

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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.
P. O. BOX 2491
HOBBS NM, 88241

Project: CHEDDAR CTB SKID 1
Project Number: AOS - 106
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
06-Oct-23 14:17

TCLP Mercury by CVAFS - Quality Control**Green Analytical Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch B232890 - EPA 245.7**Blank (B232890-BLK1)**

Prepared: 26-Sep-23 Analyzed: 27-Sep-23

Mercury	ND	100	ng/L							
---------	----	-----	------	--	--	--	--	--	--	--

LCS (B232890-BS1)

Prepared: 26-Sep-23 Analyzed: 27-Sep-23

Mercury	1820	100	ng/L	2000		91.0	76-113			
---------	------	-----	------	------	--	------	--------	--	--	--

LCS Dup (B232890-BSD1)

Prepared: 26-Sep-23 Analyzed: 27-Sep-23

Mercury	1670	100	ng/L	2000		83.7	76-113	8.37	20	
---------	------	-----	------	------	--	------	--------	------	----	--

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*=Accredited Analyte

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Notes and Definitions

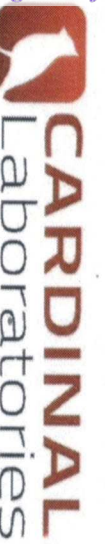
Z-01c	0.66 ± 0.02
Z-01b	0.29 ± 0.02
Z-01a	0.27 ± 0.01
Z-01	>140
SUB-RS	Analysis subcontracted to Radiation Safety Engineering, Inc.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
M5	Sample was chosen for matrix spike. Spike recovery did not meet laboratory acceptance criteria, possible matrix interference in sample.
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 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



CHAIN-OF-CUSTODY / AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs State: NM ZIP: 88240

Phone #: (575)-392-9996

Project #:

Project Name: Cheddar CTB Skid 1

Project Location: 32.415006, -103.703956

Sampler Name: Jason Owsley

Lab I.D.

BILL TO

P.O. #:

Company: Diamondback Disposals

Attn: Yesenia Lopes

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Sample I.D.

H235031

Stockpile 1

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

EXT
TPH

BTEX

F
u
i
c
i
l
i
n
o
r
m

Uninquired By:

Date: 7-18-23
Time: 11:53

Received By:

Verbal Result: Yes No

Add'l Phone #:

REMARKS:

Uninquired By: (Circle One)
Printer - UPS - Bus - Other:

Observed Temp. °C
Corrected Temp. °C -1.6

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY:
(Initials)

Turnaround Time: Standard Rush

Thermometer ID #140
Correction Factor 440 70.9118/23

Yes No
Yes No



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

September 26, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: CHEDDAR CTB SKID 1

Enclosed are the results of analyses for samples received by the laboratory on 09/21/23 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/21/2023
 Reported: 09/26/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 1 @ SURFACE (H235139-01)

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	09/22/2023	ND	1.98	99.1	2.00	0.306	
Toluene*	<0.050	0.050	09/22/2023	ND	2.04	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.03	102	2.00	0.317	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.15	102	6.00	0.652	
Total BTEX	<0.300	0.300	09/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2023	ND	432	108	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	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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

Received: 09/21/2023
 Reported: 09/26/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 2 @ SURFACE (H235139-02)

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	09/22/2023	ND	1.98	99.1	2.00	0.306	
Toluene*	<0.050	0.050	09/22/2023	ND	2.04	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.03	102	2.00	0.317	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.15	102	6.00	0.652	
Total BTX	<0.300	0.300	09/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/22/2023	ND	432	108	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	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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

Received: 09/21/2023
 Reported: 09/26/2023
 Project Name: CHEDDAR CTB SKID 1
 Project Number: AOS - 106
 Project Location: 32.415006,-103.703956

Sampling Date: 09/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 3 @ SURFACE (H235139-03)

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	09/22/2023	ND	1.98	99.1	2.00	0.306		
Toluene*	<0.050	0.050	09/22/2023	ND	2.04	102	2.00	1.23		
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.03	102	2.00	0.317		
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.15	102	6.00	0.652		
Total BTEx	<0.300	0.300	09/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/22/2023	ND	432	108	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	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs State: NM ZIP: 88240

Phone #: (575)-392-9996

Project #: AOS-106

Project Name: Cheddar CTB Skid 1

Project Location: 32.415006, -103.703956

Sample Name: Jason Owsley

Lab I.D.

Sample I.D.

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Diamondback Disposals

Attn: AP@diamondbacknm.com

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV.

SAMPLING

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

EXT

TPH

BTEX

LAB 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 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 analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Inquired By:

Received By:

Date:

Time:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Checked By: (Initials)

Turnaround Time:

Thermometer ID #

Correction Factor

Verbal Result: ☐ Yes ☐ No

All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com /

REMARKS:

Yesenia@diamondbacknm.com / Justin

Standard

Cool Inact

Observed Temp. °C

Backdate (only) Sample Condition

Yes

No


Corrected Temp. °C


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


Nearest water well


Delek Logistics

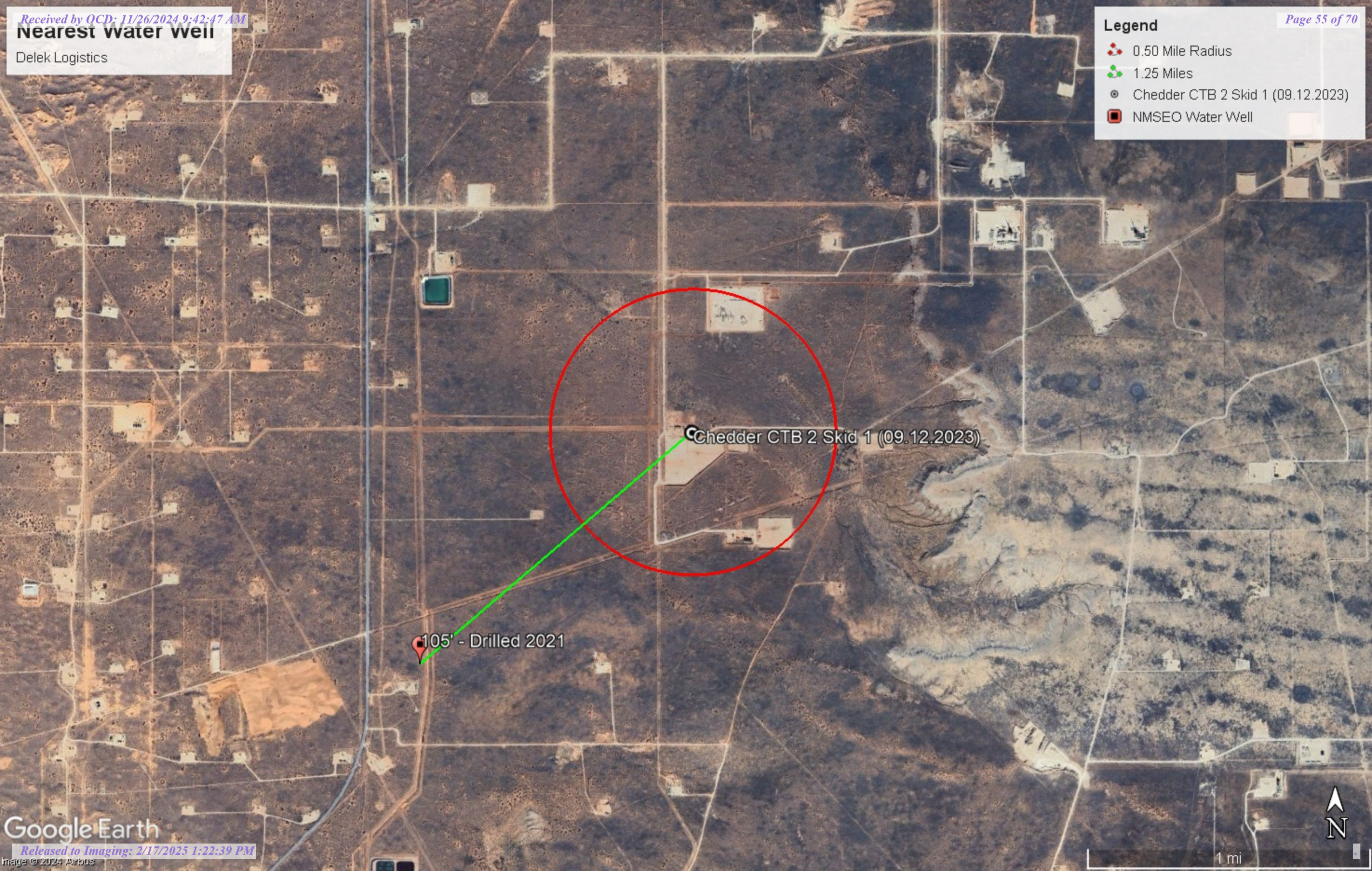
Legend

 0.50 Mile Radius

 1.25 Miles

 Chedder CTB 2 Skid 1 (09.12.2023)

 NMSEO Water Well



Chedder CTB 2 Skid 1 (09.12.2023)

105' - Drilled 2021

Low Karst

Delek Logistics

Legend

- Chedder CTB 2 Skid 1 (09.12.2023)
- Low

Chedder CTB 2 Skid 1 (09.12.2023)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04144 POD12		CUB	LE	NE	NW	SW	07	22S	32E	620399.8	3585962.1		2037			
C 04144 POD34		CUB	LE	SW	NW	SW	07	22S	32E	620302.4	3585920.6		2138			
C 04144 POD33		CUB	LE	SW	NW	SW	07	22S	32E	620284.4	3585916.1		2155			
C 04144 POD25		CUB	LE	NW	NW	SW	07	22S	32E	620213.3	3585962.7		2181			
C 04144 POD31		CUB	LE	SW	NW	SW	07	22S	32E	620232.4	3585936.4		2182			
C 04144 POD26		CUB	LE	SW	NE	NE	07	22S	32E	620211.7	3585942.9		2195			
C 04144 POD44		CUB	LE	SW	NW	SW	07	22S	32E	620200.4	3585948.0		2200			
C 04144 POD32		CUB	LE	SW	NW	SW	07	22S	32E	620244.7	3585888.8		2203			
C 04144 POD35		CUB	LE	SW	NW	SW	07	22S	32E	620269.2	3585855.8		2206			
C 04144 POD27		CUB	LE	SW	NW	SW	07	22S	32E	620206.9	3585929.0		2207			
C 04144 POD36		CUB	LE	SW	NW	SW	07	22S	32E	620254.4	3585845.8		2223			
C 04144 POC28		CUB	LE	SW	NW	SW	07	22S	32E	620201.4	3585908.6		2224			
C 04144 POD43		CUB	LE	SW	NW	SW	07	22S	32E	620189.5	3585923.0		2224			
C 04144 POD1		CUB	LE	SW	NW	SW	07	22S	32E	620240.3	3585844.1		2235	58	49	9
C 04144 POD3		CUB	LE	SW	NW	SW	07	22S	32E	620240.3	3585842.3		2236			
C 04144 POD37		CUB	LE	SW	NW	SW	07	22S	32E	620225.8	3585855.3		2239			
C 04144 POD30		CUB	LE	SW	NW	SW	07	22S	32E	620195.6	3585889.8		2240			
C 04144 POD29		CUB	LE	SW	NW	SW	07	22S	32E	620195.2	3585879.6		2247			
C 04144 POD24		CUB	LE	SW	NW	SW	07	22S	32E	620168.2	3585910.1		2249			
C 04144 POD38		CUB	LE	SW	NW	SW	07	22S	32E	620223.1	3585837.1		2253			
C 04144 POD21		CUB	LE	SW	NW	SW	07	22S	32E	620154.0	3585913.6		2258			
C 04144 POD23		CUB	LE	SW	NW	SW	07	22S	32E	620153.1	3585900.7		2267			
C 04144 POD42		CUB	LE	SW	NW	SW	07	22S	32E	620165.2	3585879.5		2270			
C 04144 POD20		CUB	LE	SW	NW	SW	07	22S	32E	620133.8	3585919.5		2270			
C 04144 POD39		CUB	LE	SW	NW	SW	07	22S	32E	620199.4	3585836.5		2271			
C 04144 POD40		CUB	LE	SW	NW	SW	07	22S	32E	620200.1	3585821.1		2281			










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

(R=POD has
been
replaced,
O=orphaned,
C=the file is
closed)

(quarters are
smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04144 POD22		CUB	LE	SW	NW	SW	07	22S	32E	620135.6	3585899.8		2281			
C 04144 POD4		CUB	LE	SW	NW	SW	07	22S	32E	620199.5	3585808.2		2290			
C 04144 POD41		CUB	LE	SW	NW	SW	07	22S	32E	620180.6	3585812.6		2301			
C 03717 POD1		C	LE	SE	SE	NW	09	22S	32E	624093.6	3586365.9		2351	650		
C 04144 POD2		CUB	LE	SW	NW	SW	07	22S	32E	620146.6	3585768.8		2355	60	55	5
C 04144 POD14		CUB	LE	SW	NW	SW	07	22S	32E	620122.0	3585776.2		2369			
C 04144 POD19		CUB	LE	NW	SW	SW	07	22S	32E	620150.6	3585739.5		2372			
C 04144 POD45		CUB	LE	SW	NW	SW	07	22S	32E	620127.8	3585765.8		2372			
C 04144 POD15		CUB	LE	SW	NW	SW	07	22S	32E	620120.2	3585770.9		2374			
C 04144 POD18		CUB	LE	NW	SW	SW	07	22S	32E	620141.5	3585739.1		2379			
C 04144 POD16		CUB	LE	NW	SW	SW	07	22S	32E	620118.8	3585758.0		2384			
C 04144 POD17		CUB	LE	NW	SW	SW	07	22S	32E	620120.6	3585740.7		2393			
C 04144 POD46		CUB	LE	NW	SW	SW	07	22S	32E	620127.5	3585731.6		2394			
C 04144 POD13		CUB	ED	SE	NE	SE	12	22S	31E	620081.4	3585756.3		2413			
C 04144 POD10		CUB	LE	NE	SE	SE	12	22S	31E	620088.7	3585741.6		2417	67	0	67
C 04144 POD9		CUB	LE	NW	SW	SW	07	22S	32E	620126.4	3585667.5		2437	63	0	63

Average Depth to Water: 26 feet

Minimum Depth: 0 feet

Maximum Depth: 55 feet

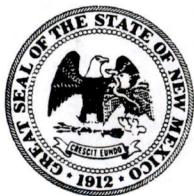
Record Count: 42

UTM Filters (in meters):

Easting: 621936.22
Northing: 3587300.90
Radius: 3000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 12		WELL TAG ID NO. PMW-10		OSE FILE NO(S). C-4144		
	WELL OWNER NAME(S) EOG Resources				PHONE (OPTIONAL) 432-848-9146		
	WELL OWNER MAILING ADDRESS 5509 Champions Drive				CITY Midland	STATE Texas	ZIP 79706
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 24	SECONDS 15.43 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE -103	43	10.85 W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Approximately 10.5 south of US Highway 62/180							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling	
	DRILLING STARTED 8/3/21	DRILLING ENDED 8/10/21	DEPTH OF COMPLETED WELL (FT) NA	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) NA		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) NA		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:						
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER – SPECIFY: Roto Sonic						
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	0 105		6	Cement with 5% Bentonite	23	Trimie Pumped	

USE OCT NOV 24 2021 PM 1:38


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	6	6	Fine Silty Sand Red/Brown	Y ✓ N	
	6	10	4	Caliche	Y ✓ N	
	10	15	5	Fine Clayey sand brown	Y ✓ N	
	15	25	10	Fine sandstone brown	Y ✓ N	
	25	65	40	Fine silty sandstone Brown	Y ✓ N	
	65	70	5	Medium Sandstone Gray	Y ✓ N	
	70	85	15	Fine silty sandstone Brown	Y ✓ N	
	85	105	20	Fine to Medium Sandstone	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION: <div style="text-align: right;">OSE OCT NOV 24 2021 PM 1:38</div>
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jason Camp	

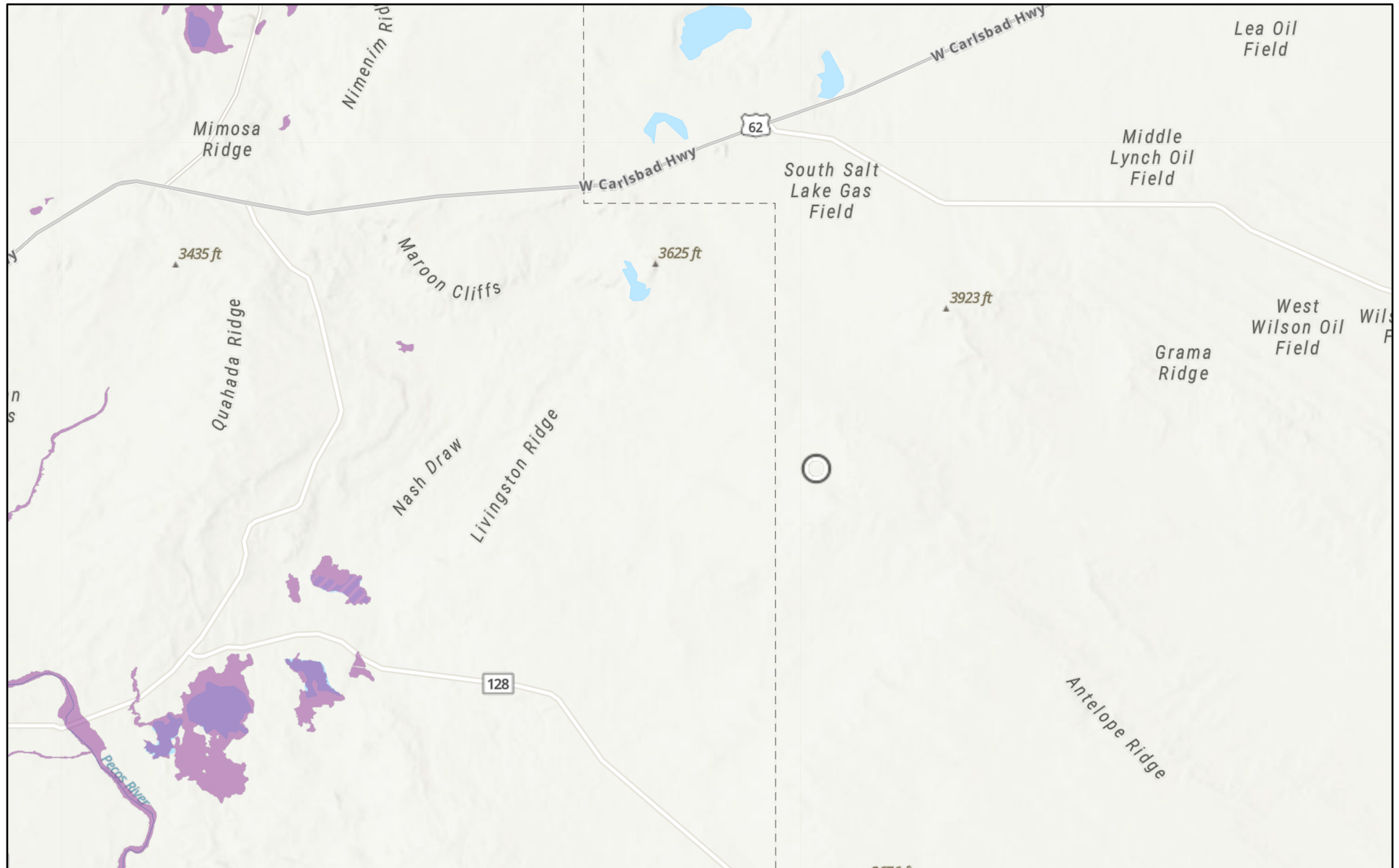
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Shawn Cain 11/19/21 DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

Chedder CTB 2 Skid 1 (09.12.2023)



11/26/2024

USA Flood Hazard Areas

World Hillshade

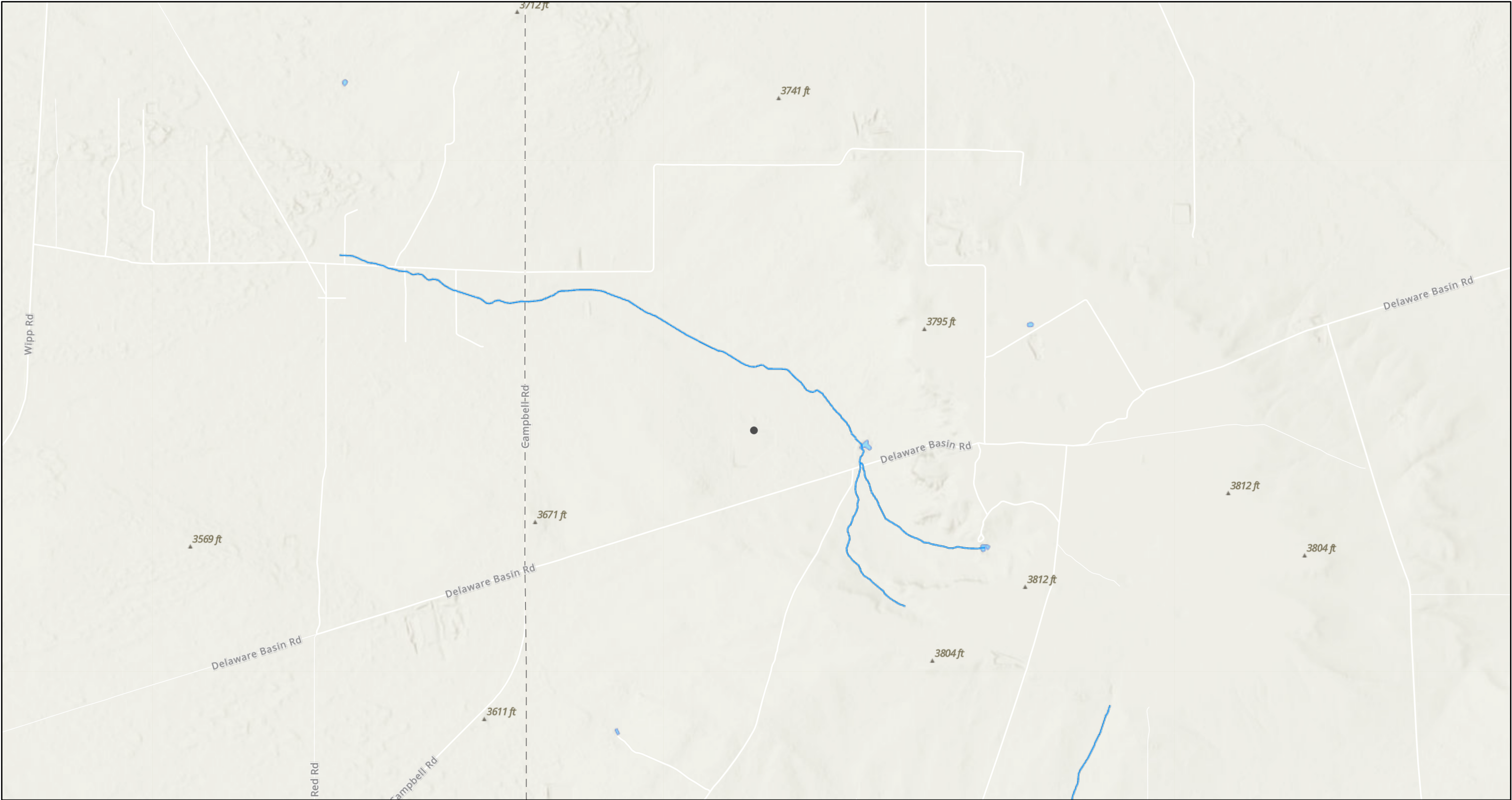
 1% Annual Chance Flood Hazard

1:288,895

0 2 4 8 mi
0 3.25 6.5 13 km

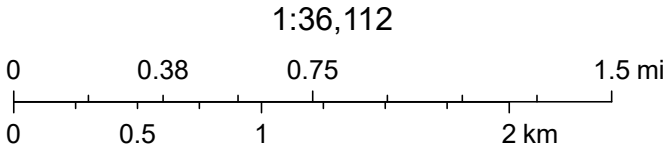
Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, METI/
NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA, USGS

Chedder CTB 2 Skid 1 (09.12.2023)



11/26/2024, 9:58:27 AM

- OSW Water Bodys
- OSE Streams



Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

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

QUESTIONS

Action 406631

QUESTIONS

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 406631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2326145141
Incident Name	NAPP2326145141 CHEDDER CTB 2 SKID 1 @ 30-025-44692
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-44692] CHEDDAR 3BS FEDERAL COM #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CHEDDER CTB 2 SKID 1
Date Release Discovered	09/12/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 5 BBL Recovered: 5 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Air eliminator issues

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QUESTIONS, Page 2

Action 406631

QUESTIONS (continued)

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 406631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Waiting on profile to remove excavated soil from the site

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Cassie Whitefield Email: cassie.whitefield@deleklogistics.com Date: 11/26/2024
----------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------

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QUESTIONS, Page 3

Action 406631

QUESTIONS (continued)

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID:
	330291
	Action Number:
	406631
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	64
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	62.4
GRO+DRO (EPA SW-846 Method 8015M)	62.4
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/15/2023
On what date will (or did) the final sampling or liner inspection occur	09/21/2023
On what date will (or was) the remediation complete(d)	10/07/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1700
What is the estimated volume (in cubic yards) that will be remediated	250

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 406631

QUESTIONS (continued)

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 406631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Cassie Whitefield Email: cassie.whitefield@deleklogistics.com Date: 11/26/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 406631

QUESTIONS (continued)

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 406631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 406631

QUESTIONS (continued)

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 406631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	406633
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/21/2023
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1700

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1700
What was the total volume (cubic yards) remediated	250
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Site was excavated and confirmation samples came back under NMAC 19.15.29.12 standards. Backfilled and level location following confirmation samples.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Cassie Whitefield Email: cassie.whitefield@deleklogistics.com Date: 11/26/2024
----------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------

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QUESTIONS, Page 7

Action 406631

QUESTIONS (continued)

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 406631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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Phone: (505) 629-6116

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<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 406631

CONDITIONS

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 406631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/17/2025
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	2/17/2025
crystal.walker	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/17/2025
crystal.walker	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	2/17/2025