

Broader Development Environmental, LLC.

2709 Sandigale Drive

Las Cruces, NM 88011

Phone: 575.644.6939

BDEnvironmental@gmail.com

May 19, 2013 Cortez Trucking LLC. 2403 Los Alamos Carlsbad, NM 88220



Mr. Bratcher,

This letter is in reference to a 2009 release of produced water at Cortez Trucking LLC yard. As per our previous correspondence, in order to resolve this issue, Case # 2RP-331, Cortez Trucking must meet Recommended Remediation Action Levels (RRALs) set forth by the Guidelines for Remediation of Leaks, Spills and Releases (1993). The approved (2/21/13) work plan was followed and completed.

In summary, the vertical and horizontal extent of the release was determined and soil in the impacted areas was removed to a depth of 18" and disposed of at an NMOCD approved facility. Samples were taken to confirm RRALs were met and excavations were backfilled. Enclosed are the following documents:

- 1) Final C-141
- 2) Approved Work Plan
- 3) Sampling Diagram
- 4) Final Confirmation Samples
- 5) Delineation Samples
- 6) Initial Samples
- 7) Initial C-141

In a correspondence dated March 21, 2013, you mentioned Mr. Cortez indicated he had removed impacted material from a neighbor's yard and hauled it to another property and that a record of the material would need to be obtained in order to close this file.

My clients have explained that the volume of material removed was no more than a domestic pick-up truck load, which is no more than 2 yards or 57 cubic feet of material. The impacted material was used to build a foundation for an outdoor utility building. Concrete was poured and the shed constructed over it. We contend that chloride anions found in the impacted material are not exposed to or susceptible to water erosion or infiltration, also given the volume and natural attenuation rates concentrations are not a threat to human health, ground water or the environment.

Broader Development Environmental, LLC.



2709 Sandigale Drive Las Cruces, NM 88011 Phone: 575.644.6939

BDEnvironmental@gmail.com

At this time we would like to apply for closure of Case # 2RP-331, Cortez Trucking LLC on the basis that all Recommended Remediation Action Levels (RRALs) set forth by the Guidelines for Remediation of Leaks, Spills and Releases (1993) have been met.

If you have any questions or concerns please feel free to contact us.

Thank you for your business,

Justin Riggs

Broader Development Environmental

.

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Santa	a Fe, NM 87505	•	Sa	anta F	Fe, NM 875	05		
			Rel	ease Notific	catio	on and Co	orrective A	ction	
						OPERA	ГOR	🗌 Initia	al Report 🛛 🖾 Final Report
			ng and O	il Field Services	s	Contact: Ma	aria Parras		
Address: 24							No. 575-628-02	04	
Facility: Na	me Cortez	Trucking ar	id Oil Fi	eld Services		Facility Typ	be	<u></u>	
Surface Ow	ner: Fee			Mineral C	wner			API No	· · · · · ·
L					ATIO	ON OF RE	LEASE		
Unit Letter	Section:	Township:	Range	Feet from the		h/South Line	Feet from the	East/West Line	County
	14	T 22 S	R 26 E						
			La	titude	•	Longitud	le		
				NAT	URF	E OF REL	EASE		
Type of Rele	ase: Produc	ed Water		A 14 R #			Release: 60 bbls	Volume F	Recovered: 0 bbls
Source of Re							lour of Occurrence		Hour of Discovery:
				· · · · · · · · · · · · · · · · · · ·			at June 22, 2009	On or abo	out June 22, 2009
Was Immedia	ate Notice (Yes 🔀	No 🗌 Not Re	equired	If YES, To	Whom?		
By Whom?						Date and H	lour	· ·	
Was a Water	course Read			· ·			olume Impacting	the Watercourse.	
			Yes 🔀	No					
		em and Reme ne ground. Du		n Taken.* soil and replaced	it with	new top soil		1	
		and Cleanup A 1g out dirt and		ken.* t with top soil					CD ARTESIA
regulations at public health should their of or the environ	l operators or the envir operations h oment. In a	are required to ronment. The ave failed to a	o report an acceptane idequately ICD accept	nd/or file certain r ce of a C-141 repo investigate and r	elease ort by t emedia	notifications a he NMOCD m ate contaminati	nd perform correc arked as "Final R on that pose a thr re the operator of	ctive actions for rele eport" does not reli reat to ground water responsibility for c	want to NMOCD rules and eases which may endanger eve the operator of liability , surface water, human health ompliance with any other
Signature:	Ma	nn F	tim	γ				SERVATION	DIVISION
Printed Name	<u>: Ma</u>	ria	am	5		Approved by	Environmental S	pecialist:	
Title: C	wner	-				Approval Da	te:	Expiration	Date:
E-mail Addre	ss: U245K	N0694@yaho	o.com			Conditions o	f Approval:		Attached
Date:			Phone	: 575-628-0204					

* Attach Additional Sheets If Necessary

BDE

Broader Development Environmental, LLC.

2709 Sandigale Drive Las Cruces, NM 88011 Phone: 575.644.6939 BDEnvironmental@gmail.com

January 29, 2013

Cortez Trucking LLC.

2403 Los Alamos

Carlsbad, NM 88220

Summary:

As per New Mexico Oil Conservation Division, *Guidelines for Remediation of Leaks, Spills and Releases, 1993*, the Cortez Trucking facility is classified as a site ranking of Twenty (20). Site ranking is based on depth to ground water, wellhead protection area, and distance to surface water body.

Depth to ground water	50 < 100' (approx. 74' as per NM Office of State Engineers)
Wellhead protection area	Yes (> 1000' from water source and/or domestic source)
Distance to surface water body	> 1000'

A site ranking of Twenty (20) Recommended Remediation Action Levels (RRAL) are as follows

Benzene - 10 ppm BTEX - 50 ppm TPH - 100 ppm

Phase 1: Delineation of Chlorides

Initial samples were taken from source, flowpath, and pooling area. See chart below. Four areas have been identified in the high concentration areas (Flowpath, Neighbors Yard 2) to determine the vertical and horizontal extend of impacted soils. Samples will be analyzed for BTEX, TPH, and chloride.

Sampled 10/29/2012	
Sample ID	Chloride mg/kg
Source (SO)	336
Flowpath (FL)	6500
Neighbors Yard (N1)	32.0
Neighbors Yard (N2)	12,800



Broader Development Environmental, LLC.

2709 Sandigale Drive

Las Cruces, NM 88011

Phone: 575.644.6939

BDEnvironmental@gmail.com

Phase 2:

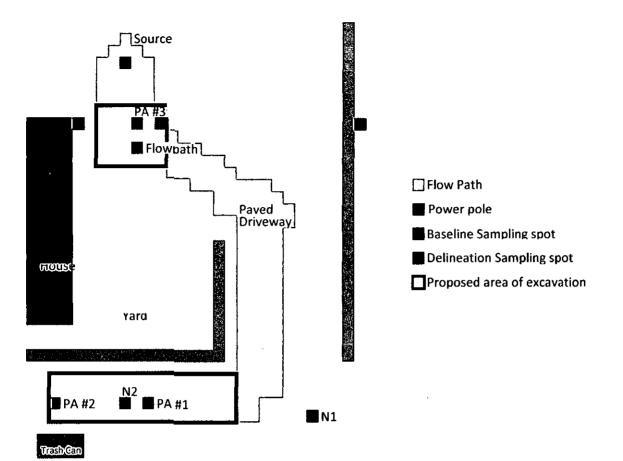
Once the horizontal and vertical extent of the impact is determined, soil will be excavated and disposed of at an OCD approved facility. Samples will be taken to confirm prior to backfill. Request for closure will be requested prior to backfilling as well.

If you have any questions or concerns please feel free to contact us.

Thank you for your business,

Justin Riggs

Broader Development Environmental



Baseline Sar	npling
10/29/2012	Choride mg/kg
Source	336
Flowpath (PA)	6500
N1	32
N2 (PA)	12800

Delineation Sam	pling				
3/1/2013	Choride mg/kg	- BTEX -	GRO (mg/kg)	DRO (mg/kg)	Notes
PA #1 18"					18" Sample; 24" Hard caliche layer unable
PA #1 18	880	ND	ND	ND	to penatrate
					18" sample; 23" Hard caliche layer unable
PA #2 18"	512	ND	ND	ND	to penatrate
					19" sample; 21" Hard caliche layer unable
PA #3 19"	544	ND	ND	ND	to penatrate



April 10, 2013

J RIGGS

B D ENVIRONMENTAL

2709 SANDIGALE DRIVE

LAS CRUCES, NM 88001

RE: CORTEZ TRUCKING

Enclosed are the results of analyses for samples received by the laboratory on 04/09/13 12:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



B D ENVIRONMENTAL J RIGGS 2709 SANDIGALE DRIVE LAS CRUCES NM, 88001 Fax To: NONE

Received:	04/09/2013	Sampling Date:	04/02/2013
Reported:	04/10/2013	Sampling Type:	Soil
Project Name:	CORTEZ TRUCKING	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CORTEZ YARD		

Sample ID: PA SAMPLE 1 (H300846-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/10/2013	ND	432	108	400	0.00	

Sample ID: PA SAMPLE 2 (H300846-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chioride	400	16.0	04/10/2013	ND	432	108	400	0.00		

Sample ID: PA SAMPLE 3 (H300846-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŚ	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/10/2013	ND	448	112	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Labelity and Damages. Cardinal's bablity and dient's exclusive remedy for any daim 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 cases whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal he liable for indotential or consequential damages, including, webcut limitation, business interruptions, loss of profits incurred by client, its autoattaines, affiliates or successors arising out of or related to the performance of been stated received. No event stated received by Cardinal, regardless of whether such claim is based upon any of the shore stated receivers or chemide. Results relate and to the sample identical above. This regord and experted except in Mil with writem approval of Cardinal Laboratories,

Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM45Q0CI-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Condimal's labelity and elempt's exclusive remedy for any daim arising, whether based in construct or tort, shall be limited to the amount paid by dilent for analyses. All damas, including these for negligence and any other cause whatsoever shall be deemed waved unless made is withing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for indeemal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for indeemal of consequential damages, anduding, webcut limitation, business interruptions, logs of use, or loss of profils incurred by dent, its substances, aritikates or accessions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the shore stated records of other services deemediated above. This report shall not be reproduced except in full with withem approval of Cardinal Laboratores.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

AMALYSIS REQUEST AMALYSIS REQUEST March Chloride AMALYSIS REQUEST March Chloride Amarch Chloride Amarc
--

Page 4 of 4

CARDINAL



March 07, 2013

AUSTIN WEYANT

B D ENVIRONMENTAL

2709 SANDIGALE DRIVE

LAS CRUCES, NM 88001

RE: CORTEZ TRUCKING

Enclosed are the results of analyses for samples received by the laboratory on 03/01/13 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.tceg.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 6



B D ENVIRONMENTAL AUSTIN WEYANT 2709 SANDIGALE DRIVE LAS CRUCES NM, 88001 Fax To: NONE

Received:	03/01/2013	Sampling Date:	03/01/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	CORTEZ TRUCKING	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PA #1 (H300537-01)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2013	ND	1.99	99.3	2.00	2.68	
Toluene*	<0.050	0.050	03/07/2013	ND	2.00	100	2.00	0.305	
Ethylbenzene*	<0.050	0.050	03/07/2013	ND	1.94	97.1	2.00	0.409	
Total Xylenes*	<0.150	0.150	03/07/2013	ND	6.06	101	6.00	3.11	
Total BTEX	<0.300	0.300	03/07/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: DW			. <u></u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B S	% Recovery	True Value QC	RPD	Qualifier
Chioride	880	16.0	03/05/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2013	ND	216	108	200	1.28	
DRO >C10-C28	<10.0	10.0	03/06/2013	ND	216	108	200	3.24	
· · · · · · · · · · · · · · · · · · ·	80.4 % 65.2-14								
Surrogate: 1-Chlorooctane	80.4	% 65.2-14	0						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and charms enclusive remeety for any claim artising, whether based in contract or tort, shall be limited to the amount paid by dient for analyses. All claims, including those for negligence and any other cause whatsover shall be deemed valued unless Tage in writing and received by Cardinal's within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential or correspondential damages, including, without limitation, business interruptions, loss of use, or loss of profile subsidiaries attiliates or successors among out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the subsidiaries table relative above. This report what not even that laboratores.

Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



8 D ENVIRO	NMENTAL
AUSTIN WEY	(ANT
2709 SANDI	GALE DRIVE
LAS CRUCES	NM, 88001
Fax To:	NONE

Received:	03/01/2013	Sampling Date:	03/01/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	CORTEZ TRUCKING	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PA #2 (H300537-02)

BTEX 8021B	mg/(kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2013	ND	1.99	99.3	2.00	2.68	
Toluene*	<0.050	0.050	03/07/2013	ND	2.00	100	2.00	0.305	
Ethylbenzene*	<0.050 0.050		03/07/2013	ND	1. 9 4	97.1	2.00	0.409	
Total Xylenes*	< 0 .150	0.150	03/07/2013	ND	6.06	101	6.00	3.11	
Total BTEX	<0.300	0.300	03/07/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 %	5 89.4-12	б				`		
Chloride, SM4500CI-B	mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	03/05/2013	ND	432	108	400	0.00	
TPH 8015M	mg/I	(g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2013	ND	216	108	200	1.28	
DRO >C10-C28	<10.0	10.0	03/06/2013	ND	216	108	200	3.24	
Surrogate: 1-Chlorooctane	84.9 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	101 %	63.6-15	4						

Cardinal Laboratories

-- --

*=Accredited Analyte

PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any daim 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 cases whatsoever shall be deemed waiwed unless made in weising and received by Cardinal wetant thirity (20) days after competion of the applicable service. In no event shall Cardinal be liable for incidental or consequential domages, including, webcut limitation, business interruptions, loss of uses, or loss of profils included by client, its subsidiance, antilates or successors ansing out of netletod to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the show stated researce or beneticed above. This report shall not be reproduced encept in full with written approval of Cardinal Liberations.

Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager

· · · ·

Page 3 of 6



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
	Chloride by SM4500CI-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remarky 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 make in writing and received by Cardinal wohin thirty (30) days after completion of the applicable service. In no event shall Cardinal be liste for incidential or consequential damages, including, without initiation, business interruptions, loss of use, or loss of profits incurred by client, is subsidiaries, affliktes 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 6

† Cardinal cannu	Delivered By: (Circle One) Sampler - UPS - Bus - Other	ReUnquished By: (HAN WE	g those S out of	PLEASE NOTE: Lisbary and Demand	1 H			20		11300557	Lab I.D.		FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	101 (575)	
Cardinal cannot accept verbal changes. Please fax written changes to (575),393-2326	ircle One) is - Other:	Date:	IT ZI TIME	intere and any other cause by incidental or consequent end to the performance of se	wa. Cardenally in the Art was a factor of the second			しますのなし	時代	さら	-TV-12-1	Sample I.D.			0. K.	LETTON.	201162	Project Owner:	Fax #:	State:			ATE	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	
ease fax written changes to (!	40 Sample Condition	Riceived By:	5 Hold Au	pased in pontract one in writing and rise interruptions, k ether turch claim is ether turch claim is							GRC GRC WAS SOIL OIL SLUI	DGE	RS IER R	MATRIX		VIAN				Zip:				88240 2476	
575),393-2326	TON CHECKED BY:		undur	g and received by Cardinat within 10 days after g and received by Cardinat within 10 days after ears, loss of use, or foes of profits mounted by cit- lam is based unon any of the above stated reas a m is based unon any of the above stated reas					X 3/		OTH ACIE	(ER ; D/BASE: / COOL		PRESERV SAMPLING		*	State: MM Zip: 89	city: LAS CALLES	1.00	Arm HUSTEN	Company: BUE		BILL TO		
		Sino						x 7 08:9				ATE		KG			100						素語言ない		
		Ð	Yes (1 No								<u>}</u> 	TPH													
		bdenviron	Add' Phone #: Add' Fax #:																				ANALYSIS REQ	ł	
		bdervinomertul@gmail co	•													- <u></u>							REQUEST		

Page 6 of 6

CARDINAL Laboratories



October 30, 2012

J RIGGS B D ENVIRONMENTAL 2709 SANDIGALE DRIVE LAS CRUCES, NM 88001

RE: CORTEZ TRUCKING

Enclosed are the results of analyses for samples received by the laboratory on 10/29/12 11:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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/jab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celuz D. Kune

Celey D. Keene Lab Director/Quality Manager



B D ENVIRONMENTAL 3 RIGGS 2709 SANDIGALE DRIVE LAS CRUCES NM, 88001 Fax To: NONE

Received:	10/29/2012	Sampling Date:	10/28/2012
Reported:	10/30/2012	Sampling Type:	Soil
Project Name:	CORTEZ TRUCKING	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOURCE (SO) (H202628-01)

Chloride, SM4500Cl-B mg/kg			Analyzed By: HM						<u> </u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/30/2012	ND	416	1 04	400	3.77	

Sample ID: N 1 (H202628-02)

Chloride, SM4500Cl-B	500Cl-Bmg/kg			d By: HM				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2012	ND	416	104	400	3.77	

Sample ID: N 2 (H202628-03)

Chloride, SN4500Cl-B	mg,	kg		d By: HM					÷
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	rpd	Qualifier
Chloride	12800	16.0	10/30/2012	ND	416	104	400	3.77	

Sample ID: FLOWPATH (FL) (H202628-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6500	16.0	10/30/2012	ND	416	104	400	3,77	

Cardinal Laboratories

*=Accredited Analyte

PLEKE NOTE: Liability and Demages. Optimal's liability and clean's evolutive remedy for any claim arising, whether based in consists or tart, shall be limited to the amount paid by cleant for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed weeked unless made in writing and received by Candinal within theiry (30) days, after completion of the applicable service. In no event, shall Cardinal be liable for incidingence and including, without limitation, business intermytions, kos of profix incurred by cleant, no subsidiaries, affiliates or successors attains out or or related to the services hereunder by Cardinal, regardless of whether such dawn is based upon any of the solution claims incoments and cleants and and the constructed eccept in high with writem approval of Cardinal Liaboratores.

Ciliz D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476								[
Company Name: S. D. ENV (realities for)		L TO ∰ ≙ि.ि		ANALYSIS	SIS REQUEST	ST		·	
Project Manager: 7 12 (a)	P.O. #:			-	•				
	Company:		· · · · ·				<u>.</u>	• .	•
City: Low Corners State: WV Zp: 552(20)	<u></u>		م. بير				 		•
Fax #:	Address	The William						•	
	3	6,0			•.	·			
Project Name: Carite E. Truck (2: 3)	State:	Zip:			- -				
Project Location: Convict Truckeing Ver	Phone #:	· · ·		- -					
Sampler Name: S. Rowson V	Fax #:		ر						
	IX PRESERV	SAMPLING		 	-				
Ş	· · · · ·	· · · · · ·							•
не из (с)									
NIAT	1000 BSASE		<u>प</u>	<u> </u>		<u> </u>		• .	•
		DATE TIME	2	. <u> </u>					
	N V D S	Server At					ŀ	T	
		-							
		1013 /07 6 - 30							
3 11)		14/2 61 - 12 CV	<u>ب</u>						•
L		22.2.42. 6.32	- - 		·				
	· · ·	- -						<u> </u>	
in the second		· · · · · · · · · · · · · · · · · · ·							
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · ·					:	
							· ·]·	
		-				-			
	ed in contraction tout, sharl be bruted t in writing and reserved by Garonal a	be limited to the offering and 31 the client for the Caronal within 32 days after completion of the application	ac replicatio			-			
arial be tooke for mercental or consequental damages, metua ng without kinulaabn, bushnes out or or related to the performance of berrocen becomder by Constrain regardioss of who:	uduom, hoss of use, of loss of Dr ch rlaim is hayrd unnis any of the	s standardord, hess of use, of 1835 of profits mouried by diefit, its state-dreatie her such right is frastri upmi any of the Abox a stated her one of hitrado.			- :				-
Relinquished By:		Floore Result:	ult:YesNo	o Add'l Phone # o Add'l Fax #:	ne #: #:				
I Set - June 1 mer 2 - 1 / 11	1 LOUDS	C REMARKS		l	1				
Relinquistind By: Date: Refered By:				-	•		•		
Time:		•	•				· .		
Delivered By: (Circle One)	ale Condition CHECKED BY	6D)8Y							
		(918)	-	•.		-	•		
	No I No							7	
	1 /								

t Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2426. المراجع المراجع المراجع

Page 4 of 4



Notes and Definitions

ľ	ND .	Analyte NOT DETECTED at or above the reporting limit
ŀ	CPU	Relative Percent Difference
1	**	Samples not received at proper temperature of 6°C or below.
1	**	Insufficient time to reach temperature.
-		Chloride by SM4500CI-B does not require samples be received at or below 6°C
		Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEXES NOTE: Liability and Damages. Cardinal's leadility and client's exclusive remedy for any datin antising, 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 walvad unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including, without initiation, basiness interruptions, loss of use, or loss of profile incurred by client, its subidiaries, atfiliates or successors anding or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated resons or otherwese, Results relate inducting identices atfiliates or approval of Cardinal Laboratories,

Celez D Kune

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised October 10, 2003 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Form C-141

Release Notification and Corrective Action

	OPERATOR	🛛 Initial Report	Final Report
Name of Company: Cortez Trucking & Oilfiled Services	Contact Cirilo Cortez		
Address 2403 Los Alamos	Telephone No. (575) 234-1424	or (575) 706-1190	
Facility Name Cortez Trucking & Oilffield Services	Facility Type		

ł	Surface	Owner

1

Mineral Owner

Lease No.

· 23 演興

LOCATION OF RELEASE

Unit Letter	Section	Township	Ramge	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
	14	225	26E					

Latitude Longitude

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 60 BLLS	Volume Recovered: 0
Source of Release: Rom the tank	Date and Hour of Occurrence: on	Date and Hour of Discovery: on or about
	or about June 22, 2009	June 22, 2009
Was Immediate Notice Given?	If YES, To Whom?	
🗌 Yes: 🔯 No 🛄 Not Required		
By Whom?	Date and Hour	
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	ercourse.
🗌 Yess 🕅 No		
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*		
Water was released on the ground. Dug out bad soil and replaced it with	new top som	
Describe Area Affected and Cleanup Actiom Taken.*		
small portion of yard. Dug out dirt and repliace it with top soil		
I hereby certify that the information given above is true and complete to t	he best of my knowledge and understa	ind that pursuant to NMOCD rules and
regulations all operators are required to report and/or file certain release n public health or the environment. The acceptance of a C-141 report by th		
should their operations have failed to adequately investigate and remediat		
or the environment. In addition, NMOCD acceptance of a C-141 report d		
federal, state, or local law Sand/or regulations.		······ ·······························
	OIL CONSERV	ATION DIVISION
1/2/20		
Signature:		il
Printed Name: Irila Pritez	Approved by Signed Bypervisor 4	Dranuer
Title: DWNLR	Approval DateSEP 2 5 2009	Expiration Date:
E-mail Address: U245KN0694@yahoo.com	Conditions of Approval:	Attached
Date: Phione:	REMEDIATION per OCD R	ules and
Attach Additional Sheets If Necessary	Guidelines. SUBMIT REMEDIA	
MLB 0926831097	PROPOSAL BY: 12/16/09	ATION ZRP-331

PROPOSAL BY: 10/16/09

pMLB092(831097