District II Energy Minerals   1301 W. Grand Avenue, Artesia, NM 88210 Oil Conse   District III Oil Conse   1000 Rio Brazos Road, Aztec, NM 87410 1220 South   District IV Conte Fe, NM 87505						of New Mexico HOBBS OCD For als and Natural Resources Revised Octob							
					South	vation Div St. Franc , NM 875	AUG		Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form				
			Relo	ease Notific	cation	and Co	orrecti	ive A	ction			•	
						<b>OPERA</b>				🗌 Initi	ial Report		Final Repor
Address P.		Apache Corr	ooration	<u></u>		Contact Felephone N		ie Gladd					
Facility Na						Facility Typ					<u></u>		
Surface Ow	ner State	e of NM		Mineral C	Owner S	State of NM				Lease 1	No. 30-025	-38508	
				LOCA	ATION	I OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet fro	m the	East/W	/est Line	County		
F	2	215	37E	3465	FSL		1775		FWL		Lea		
			La	titude		_ Longitud	e						
				NAT	URE	OF RELI	EASE						
Type of Rele						Volume of	Release	150			Recovered 5	5	
Source of Re Was Immedi						Date 2/25/ If YES, To				Date 2/2	25/09 3pm		
Was Immediate Notice Given?													
ı		X	res _		equirea	Larry John	son						
By Whom? N		lden			equirea	Date and H	lour 2/25						
By Whom? N Was a Water		lden ched?					lour 2/25			rcourse.			
Was a Water	course Read	lden ched?	Yes 🛛	] No		Date and H	lour 2/25			rcourse.			
Was a Water	course Read	lden ched?	Yes 🛛	] No		Date and H	lour 2/25			rcourse.			
Was a Water	course Read	lden ched?	Yes 🛛	] No		Date and H	lour 2/25				rw < 30'		
Was a Water <sup>16</sup> a Watercou Describe Cau ran under hw repaired. Va Describe Are Due to safety	urse was Im use of Probley 207 north c trucks rec a Affected b hazards, th	Iden ched? pacted, Descr em and Reme of Eunice. T overed approx and Cleanup / te area of exca	I Yes ∑ ibe Fully. <sup>4</sup> ibe fluid w 55bbls or Action Tak	] No * n Taken.* Due to as both inside and f pw. NM State H	o corrosi 1 outside 1wy Depi packfiller	Date and H If YES, Vo on of 4" inject state fence li artment was d at the end o	tion line ne. No fl notified.	which w luid was y. Prope	as barri released	Dr ed 15' bgs l into conc ades, fenc	s blew out. T duit. Line wa ing, lights an	s shut ir	and
Was a Water Was a Watercon Describe Cau ran under hw repaired. Va Describe Are Due to safety measures wil I hereby certi regulations a public health should their o	urse was Im urse was Im use of Proble y 207 north c trucks rec a Affected hazards, th l be taken o ify that the i ll operators or the envir operations h nment. In a	Iden ched? pacted, Descr pacted, Descr overed approx and Cleanup / the area of exca information gives are required to ronment. The the ve failed to a iddition, NMC	ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> dial Action he fluid w 55bbls o Action Tak wation will ins. Conta ins. Conta ins. Conta ins. conta ins. conta o report ar acceptance adequately OCD accep	] No * n Taken.* Due to ras both inside and f pw. NM State H cen.* Il be dug out and b	o corrosi l outside lwy Dep packfilled lete to the elease no ort by the emediate	Date and H If YES, Vo on of 4" inject state fence li artment was d at the end o undance Disp e best of my otifications ar NMOCD ma contaminati	tion line ine. No fl notified. osal and knowledg ad perform arked as " on that po	which w luid was y. Prope NMOCE ge and ur n correct Final Re ose a thre	as barri released r barric ) rules a iderstan ive acti port" do at to gro	by ed 15' bgs l into conc ades, fenc ades, fenc ades, fenc nd guideli d that pur ons for rel bes not rel bound wate	s blew out. T duit. Line wa ing, lights an ines was follo suant to NMO leases which lieve the oper r, surface wa	s shut ir d other s owed to DCD rul may end ator of l ter, hum	a and safety closure. es and anger iability an health
Was a Water Was a Watercon Describe Cau ran under hw repaired. Va Describe Are Due to safety measures wil I hereby certi regulations al public health should their co or the environ federal, state, Signature:	urse was Im use of Proble y 207 north c trucks rec a Affected is hazards, th l be taken o ify that the i ll operators or the envir operations h nment. In a or local lay	Iden ched? pacted, Descr pacted, Descr em and Reme of Eunice. T overed approv and Cleanup / the area of exca nce work beg information gi are required t ronment. The lave failed to a ddition, NMC ws and/or regu	ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> dial Action he fluid w 55bbls o Action Tak wation will ins. Conta ins. Conta ins. Conta ins. conta ins. conta o report ar acceptance adequately OCD accep	No Taken.* Due to as both inside and f pw. NM State H cen.* I be dug out and to amination was have be is true and comp bd/or file certain re- be of a C-141 repor- rinvestigate and re-	o corrosi d outside lwy Dep packfilled uled to Si lete to the elease no ort by the emediate report do	Date and H If YES, Vo on of 4" inject state fence li artment was d at the end o undance Disp e best of my otifications ar NMOCD ma contaminati	ction line ine. No fl notified. of each day oosal and knowledg nd perform arked as " on that po e the oper	which w which w luid was y. Prope NMOCE ge and ur n correct Final Re ose a three rator of re CONS	as barri released r barric rules a ive acti port" do at to gro esponsil ERV	ed 15' bgs i into conc ades, fenc ind guideli d that pur- bors for rel bors for rel bound wate bility for c ATION	s blew out. T duit. Line wa ing, lights an ines was follo suant to NMC leases which lieve the oper r, surface wa compliance w DIVISIO	s shut ir d other s owed to DCD rul may end ator of 1 ter, hum ith any o	a and safety closure. es and anger iability an health
Was a Water Was a Watercou Describe Cau ran under hw repaired. Va Describe Are Due to safety measures wil I hereby certi regulations al public health should their co or the environ federal, state, Signature:	urse was Im use of Proble y 207 north c trucks rec a Affected is hazards, th l be taken o ify that the i ll operators or the enviro operations h nment. In a or local law	Iden ched? pacted, Descr pacted, Descr of Eunice. T overed approx and Cleanup A the area of exca nce work beg information gi are required t ronment. The have failed to a iddition, NMC ws and/or regu Diadden	ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> dial Action he fluid w 55bbls o Action Tak wation will ins. Conta ins. Conta ins. Conta ins. conta ins. conta o report ar acceptance adequately OCD accep	No Taken.* Due to as both inside and f pw. NM State H cen.* I be dug out and to amination was have be is true and comp bd/or file certain re- be of a C-141 repor- rinvestigate and re-	o corrosi d outside lwy Deproverside lete to the elease no ort by the emediate report do	Date and H If YES, Vo on of 4" inject state fence li artment was d at the end of undance Disp e best of my otifications ar NMOCD ma contaminations of an reliev	tion line ction line ine. No fl notified. of each day obsal and knowledg nd perform arked as " on that po e the oper OIL District S	which w which w luid was y. Prope NMOCE ge and ur n correct Final Re ose a three rator of re CONS uperviso	as barri released r barric o rules a iderstan ive acti port" do at to gro esponsil ERV	ed 15' bgs i into conc ades, fenc ind guideli d that pur- bors for rel bound wate boility for c ATION ATION mental s	s blew out. T duit. Line wa ing, lights an ines was follo suant to NMC leases which lieve the oper r, surface wa compliance w DIVISIO	s shut ir d other s owed to DCD rul may end ator of 1 ter, hum ith any o	a and safety closure. es and anger iability an health
Was a Water Was a Watercou Describe Cau ran under hw repaired. Va Describe Are Due to safety measures wil I hereby certi regulations al public health should their co or the environ federal, state, Signature: Printed Name Title: EH&S	urse was Im use of Proble y 207 north c trucks rec a Affected is hazards, the l be taken o ify that the i ll operators or the enviro operations h nment. In a or local law e: Natalie C s Environme	Iden ched? pacted, Descr pacted, Descr of Eunice. T overed approx and Cleanup A the area of exca nce work beg information gl are required t ronment. The have failed to a ddition, NMC ws and/or regu- bladden chall Tech	ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> dial Action he fluid w <u>55bbls of</u> Action Tak vation will ins. Conta iven above o report ar acceptance adequately DCD accept ilations.	No Taken.* Due to ras both inside and fpw. NM State H cen.* Il be dug out and h amination was hat is true and comp nd/or file certain r ce of a C-141 repor- investigate and r stance of a C-141	o corrosi d outside lwy Dep packfiller uled to St lete to the elease no ort by the emediate report do	Date and H If YES, Vo on of 4" injet state fence li artment was d at the end o undance Disp e best of my stifications ar NMOCD m contaminations not reliev approved by Approval Dat	tion line ine. No fl notified. of each day bosal and knowledg nd perform arked as " on that po e the oper <u>OIL</u> District S e: <b>OB</b>	which w luid was y. Prope NMOCE ge and ur n correct Final Re ose a thre ator of ru CONS uperviso	as barri released r barric o rules a iderstan ive acti port" do at to gro esponsil ERV	ed 15' bgs i into conc ades, fenc ind guideli d that pur- bors for rel bors for rel bound wate bility for c ATION	s blew out. T duit. Line wa ing, lights an ines was follo suant to NMC leases which lieve the oper r, surface wa compliance w DIVISIO	s shut ir d other s owed to DCD rul may end ator of 1 ter, hum ith any o	a and safety closure. es and anger iability an health
Was a Water Was a Watercou Describe Cau ran under hw repaired. Va Describe Are Due to safety measures wil I hereby certi regulations al public health should their co or the environ federal, state, Signature: Printed Name Title: EH&S	urse was Im use of Proble y 207 north c trucks rec a Affected is hazards, the l be taken o ify that the i ll operators or the enviro operations h nment. In a or local law e: Natalie C s Environme	Iden ched? pacted, Descr pacted, Descr of Eunice. T overed approx and Cleanup A the area of exca nce work beg information gi are required t ronment. The have failed to a iddition, NMC ws and/or regu Diadden	ibe Fully. <sup>3</sup> ibe Fully. <sup>3</sup> dial Action he fluid w <u>55bbls of</u> Action Tak vation will ins. Conta iven above o report ar acceptance adequately DCD accept ilations.	No Taken.* Due to ras both inside and fpw. NM State H cen.* Il be dug out and h amination was hat is true and comp nd/or file certain r ce of a C-141 repor- investigate and r stance of a C-141	o corrosi d outside lwy Dep packfiller uled to St lete to the elease no ort by the emediate report do	Date and H If YES, Vo on of 4" inject state fence li artment was d at the end of undance Disp e best of my otifications ar NMOCD ma contaminations of an reliev	tion line ine. No fl notified. of each day bosal and knowledg nd perform arked as " on that po e the oper <u>OIL</u> District S e: <b>OB</b>	which w luid was y. Prope NMOCE ge and ur n correct Final Re ose a thre ator of ru CONS uperviso	as barri released r barric o rules a iderstan ive acti port" do at to gro esponsil ERV	ed 15' bgs i into conc ades, fenc ind guideli d that pur- bors for rel bound wate boility for c ATION ATION mental s	s blew out. T duit. Line wa ing, lights an ines was follo suant to NMO leases which lieve the oper rr, surface wa compliance w DIVISIO Specialist Date:	s shut ir d other s owed to DCD rul may end ator of l ter, hum ith any o	a and safety closure. es and anger iability an health

MSAD141954792

 $\mathcal{V}$ 

HOBBS OCD



AUG 0 9 2012

RECEIVED

NEDU #247

Lea County

Unit F, 2, 21S, 37E 3465' FSL and 1775' FWL API # 30-025-38508

Prepared by: Natalie Gladden

Apache Corporation

HOBBS OCD

Dear Geoffrey,

AUG 0 9 2012

RECEIVED

Attached you will find a copy of the original C141, final C141, project summary report, a diagram of the contamination area along with sample points with sample results and final analyticals taken from this site.

With this information that is provided, Apache Corporation respectfully requests your review and approval of the Risked Based Closure Document for the produced water release that occurred at the Apache NEDU #247 site.

If you have any questions or concerns, please feel free to contact me at any time.

Sincerely,

lade

Natalie Gladden

EH&S Environmental Tech

Permian New Mexico District

The purpose of this report is to document the remediation activities and present supporting analytical data to the NMOCD, requesting closure of the referenced produced water release incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

Based on the analytical results of the confirmation soil samples collected from the excavation; which confirmed that the soil samples were slightly higher than the 250-ppm chloride standard. This is due to public safety concerns, this release was on Highway 8, where the injection line was buried and goes underneath the highway. Consequently, no further action is recommended or planned for this site at this time and on behalf of Apache Corporation we respectfully request that the NMOCD grant this risk based closure for the Apache NEDU #247 release.

## **NEDU #247 Project Summary**

#### **Release History:**

On the morning of February 25, 2009, the injection line for NEDU #247 ruptured. Due to corrosion the 4" injection line blew out, line is buried 15' below ground surface. This line runs under Hwy 207 north of Eunice. When the line blew out it released approximately 150bbls of produced water and recovered 55bbls of fluid. The release occurred inside the fence line, but fluid was both inside the fence line and down the bar ditch of Hwy 207.

#### **Emergency Response:**

Vacuum trucks were called to recover standing fluid. Gangs were also dispatched and injection line was repaired. A local backhoe company picked up the saturated soil immediately and hauled to Sundance Services.

## **Bidding Process:**

Due to the seriousness of the release CW Backhoe Service was dispatched out to start remediation. Once the site was assessed, it was found that due to driving hazards being so close to the highway, B&H Construction was used as well due to having their trackhoe on location to dig out and repair the line.

#### **Remediation Process:**

On February 27<sup>th</sup>, excavation began. Due to the amount of saturated soil close to the highway, it was determined to excavate one side of the line at a time, then backfill before the end of the day. We placed concrete barricades in front of the deep excavation to block traffic from entering, especially during the night. We also placed lighted barrels, fencing and signs along highway to protect the public. Also the state fence was taken down each morning and put back in place at the end of the day. At the point of release, the contamination was from the surface to the injection line (at 15'), then 15' below the injection line. Due to this excavation being a safety issue the NMOCD allowed Apache to dig up the saturated soil and haul off to Sundance Services, with leaving some contaminated soil in place. A total of 3, 788 yards of contamination was hauled to Sundance Services. We backhauled the backfill after each truck hauled contamination so that we were prepared to backfill at the end of each day. A total of 2973 yards of caliche and 744 yards of topsoil was hauled for backfill. Chloride concentrations in the saturated soil was above 3000-ppm. On the north side of the injection line chloride concentrations of 867-ppm to 1254-ppm was left on the sidewalls and bottom of excavation. On the south side of the injection line chloride concentrations of 528-ppm to 1080-ppm were left on the sidewalls and bottom of excavation. On the bar ditch chloride concentrations were left at under 500-ppm due to the natural slope of the bar ditch and to protect contractors and drivers from the excavated area, the excavated area in the bar ditch was at a depth of

4'. The location was contoured back to natural land and fencing was put back up after final steps of clean up.

Note: NMOCD allowed Apache Corporation to take out only the saturated soil; no blending was needed due to safety issues. The State of NM's Highway Department allowed us to stay 5' from the edge of the paved road, there for the NMOCD agreed to allow Apache to take out the saturated soil, with leaving some contamination in place.

# Savings due to risk based closure:

The following is the breakdown of the actual cost to Apache through the completion portion of the NEDU #247 remediation:

Disposal Fees	\$	57,197.30
Labs	\$	700.00
Transportation Cost	\$	25,075.00
Env. Contractor	\$	45,961.11
Line Repair	\$	9,075.58
Trucking-Solids	\$	1,243.76
Backfill	<u>\$</u>	17,333.00
Total	<b>\$</b> ]	156,585.75

## **Conclusion:**

,

,

•:

This project consisted of excavating 3,788 yards of contaminated soil above regulatory levels. Blending was not an option due to safety hazards along public highways.





ANALYTICAL RESULTS FOR APACHE CORPORATION ATTN: NATALIE GLADDEN P.O. BOX 1849 EUNICE, NM 88231

Receiving Date: 05/15/09 Reporting Date: 05/18/09 Project Number: NOT GIVEN Project Name: NOT GIVEN Project Location: NEDU #247 Analysis Date: 05/18/09 Sampling Date: 04/20/09 Sample Type: SOIL Sample Condition: INTACT Sample Received By: CK Analyzed By: HM

- ·--

		CI
LAB NUMBER	SAMPLE ID	(mg/kg)
H17440-1	BD-SP1-BTM	448
H17440-2	BD-SP2-BTM	224
H17440-3	BD-SP3-BTM	400
H17440-4	BD-SP4-BTM	272
H17440-5	SP1 S-EXC	832
H17440-6	SP2 S-EXC	560
H17440-7	SP3 S-EXC	320
H17440-8	SP4 S-EXC	768
H17440-9	SP5 S-EXC BTM	448
H17440-10	SP1 N-EXC	496
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods Analyses performed on 1:4 w:v aqueous extracts.

Chemist

18/09 Date

4500-CI'B

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, iteration 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 fieldle 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratorios.



ANALYTICAL RESULTS FOR APACHE CORPORATION ATTN: NATALIE GLADDEN P.O. BOX 1849 EUNICE, NM 88231

Receiving Date: 05/15/09 Reporting Date: 05/18/09 Project Number: NOT GIVEN Project Name: NOT GIVEN Project Location: NEDU #247 Analysis Date: 05/18/09 Sampling Date: 04/20/09 Sample Type: SOIL Sample Condition: INTACT Sample Received By: CK Analyzed By: HM

CI

		•.
LAB NUMBER	SAMPLE ID	(mg/kg)
H17440-11	SP2 N-EXC	512
H17440-12	SP3 N-EXC	384
H17440-13	SP4 N-EXC	352
H17440-14	SP5 N-EXC	192
H17440-15	SP1 BD SW	128
H17440-16	SP2 BD SW	352
H17440-17	SP3 BD SW	112
H17440-18	SP4 BD SW	752
Quality Control	ана и алимпанията и алимпанията по по по со	500
True Value QC	n gala fa ang mang na na ang ang ang ang ang ang ang an	500
% Recovery	884. 494 g t g t g t g t g t g t g t g t g t g	100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods	4500-CI <sup>-</sup> B
Analyses performed on 1:4 www.aqueous.extracts	

Analyses performed on 1:4 w:v aqueous extracts

Chemist

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shalt be limited to the amount paid by client for analyses. All claims HAR4400A PARE and any other cause whatsoever shalt be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shalt Cardinal be liable for incidental or consequential demages, including, without limitation, business interruptions, loss of use, or loss of profils 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories. RDINAL LABORATORIES

	101 East Marland, Hobbs, NM 8824															1	7-	-	
	(575) 393-2326 Fax (575) 393-24	476													Page	of			
Company Name: Apoche						BII	L TO				ANALYSIS REQUEST								
				Р.(	O. #:						T	T							
Address: Pg	A BEN 1845	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Co	ompany	y:	-								l			
City: Curo	State: ( John	Zip	: 8	8231	Att	tn:													
Phone #: 5	10-4186 Fax #:			<u> </u>	Ad	ldress:	:												
Project #:	Project Owner	:			Cit	ty:													
Project Name:			40.12		Sti	ate:		Zip:											
Project Location	n: NGU #247				Ph	one #:	:												
Sampler Name:	Atitalic Gladrie.	<u>~1</u>				x #:				Š									
S FOR LAB USE ONLY		<b>.</b>		MATRIX	1	PRESE	ERV.	SAMPLING		Je .									
		(C)OMF	5	α.						1 H									
Lab I.D.	Samala I D	0 Q	ZER.	VIEF		ui 🚄		niti" <b>den</b> agiri'a		<u>d</u>									
	Sample I.D.	0 B	IAI	EW/	 	BASI	 22			E									
H1714402		(G)RAB OR	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHE	ACID/BASE: ICE / COOL	OTHE	DATE	TIME	$\langle \rangle$									
1	BO-SPI-BTM		]				Ť	4/20		$\leq$									
2	2-		1	í				1		$\square$									
3	3 -		1							7									
. 4	<u> </u>		1							$\left \right\rangle$									
5	SPI 5- Exc		1							$\sum$									
6	2 11 11		1							7									
7	3 ( , , ,									$\square$	 							ļ	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>if is i</u>	<b>_</b>									 						-		
	<u>5 "Btm</u>		1		ļ						 								
10	SP & N EVC		(					2						1			ı	1	

PLEASE NOTE: Unability and Damages. Cardinal's listicity and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All clarms including loase for negaponce and any other cause whatsoever shall be deemed waned unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal ce hable for incidental or consequental damages, including without limitation, business interruppions, loss of use, or loss of profits incurred by client, its subscriptions,

	of services nereunder by Cerunal, regardless of whether such chairn is based upon any of t	he above stated reaso	ons or otherwise.				
Sampler Relinquished:	Date: Received By:	F	Phone Result:		No	Add'l Phone #:	 
	O-1)-07	Ĩ	Fax Result:		No	Add'l Fax #:	
Warma ( 12-20	Time:	7	REMARKS:				
L KHILL ACOU					•		
Relinquished By:	Date: Received By:			<b>`</b>	$\alpha$		
C C	SISM: All 10 0		$\Gamma$	$i \sim \sim$	AL		
	Time:	1	$\subseteq$	AI a			
	1.1.2. Ulu Il Ulu						
Delivered By: (Circle One)	Temp. Sample Condition CHEC	KED BY:					
	Cool Intact (In	itials)					
Sampler - UPS - Bus - Other:	1207! DYes DYes 10L						
	$\rightarrow 0 \lor \Box$ No $\Box$ No $\Box$ (/)						

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

\* Only CI- analysis, doesn't require refriguration. W

•

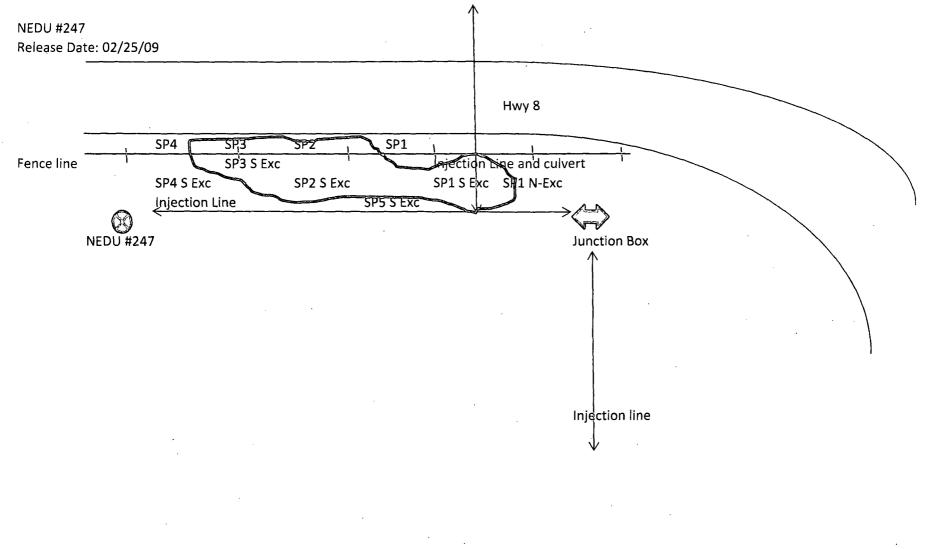
ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

101 East Marland, Hobbs, NM 88240		Page 2 of 2
(575) 393-2326 Fax (575) 393-2476 Company Name: Ann clip	BILL TO	ANALYSIS REQUEST
Project Manager: Natalie Gladden	P.O. #:	
Address: f0 B0 x 1749	Company:	
City: Euroice State: UM Zip: 8823		
Phone #: Fax #:	Attn:	
	Address:	
	City:	
Project Name:	State: Zip:	
Project Location: Sampler Name:	Phone #: Fax #:	
FOR LABUSE ORLY MATRIX	PRESERV SAMPLING	
Tap I.D. (G)RAB OR (C)OMP (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER Soll OIL		
Lab I.D. Sample I.D.	O SE	
Tap I.D. Samble I.D. Containers # Containers # Containers Solutioner	OTHER: ACID/BASE: ICE / COOL OTHER: MIL BILD	
	E V B DATE TIME	
115P2 H-EVC (	4/20	
12 3 11 1		
13 4		
14 5		
ISSPI BO SW		
$(0 2 1, \dots)$	<u>+</u> - <b> </b> - <b> </b> - <b> </b> -−	
17 - 3 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +		
	· · · · · · · · · · · · · · · · · · ·	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's auclusive remedy for any claim arising whether based in contrac analyses, All craims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing ar		
service, In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, atfiliates or successions attising out of or related to the performance of services hereunder by Cardinal regardlass of whether such claim	, loss of use, or loss of profils incurred by client, its subsidie	anes,
Sampler Relinquished: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Date: Da	Phone Re Fax Resu	
hefelia ( I (orbita, Time:	REMARK	
Relinquished By: Date 1. G Received By:	wasaanaalaan oo kuunaana uu ahaadaa kuu uu uu ahaadaa kuu uu uu ahaa ahaa ahaa	
Relinquished By:	nno	email
Delivered By: (Circle One)	tion CHECKED BY:	
Sampler - UPS - Bus - Other:	(Inifiais)	

•

+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



• •

.

.

.