

RECEIVED

By JKeyes at 8:07 am, Jan 27, 2016

APPROVED

By JKeyes at 8:07 am, Jan 27, 2016

CONOCOPHILLIPS

P.O. Box 2197 Houston, TX 77252-2197 Phone 281.293.1000

State F-1 #17

(1RP-3214)

Termination Request

API No. 30-025-38429

Release Date: August 6th, 2014

Unit Letter R, Section 1, Township 21S, Range 36E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

January 27th, 2016

Kellie Jones

Environmental Specialist – New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240

> RE: Termination Request ConocoPhillips State F-1 #17 (1RP-3214) UL/R sec. 1 T21S R36E API No. 30-025-38429

Ms Jones:

ConocoPhillips (CoP) has retained Basin Environmental Service Technologies (Basin) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 2.6 miles east of Oil Center, New Mexico. Although the initial C-141 states that the site is located in UL/J, GPS mapping indicates that the site is located in UL/R sec. 1 T21S R36E. NM OSE and BLM records indicate that groundwater will likely be encountered at a depth of approximately 74 +/- feet.

On August 6th, 2014, CoP discovered a broken ½ inch stainless steel fitting on the well head, which released 22.83 barrels of produced water over 3,053 square feet of lease pad. A vacuum truck was called to the site and recovered 10 barrels of produced water. The well was isolated, repaired and returned to production activities. CoP notified NMOCD of the release on August 7th, 2014, and an initial C-141 was submitted to and approved by NMOCD on the same day (Appendix A).

On September 23rd, 2014, Basin personnel were on site to assess the release. Three points within the release area were sampled at the surface, and two of the points were sampled with depth (Figure 1). All samples were field tested for chlorides and organic vapors and then the samples were taken to a commercial laboratory for analysis (Appendix B). Point 1 and Point 3 returned elevated laboratory chloride and Diesel Range Organics (DRO) readings at the surface and at 6 inches bgs. Gasoline Range Organics (GRO) readings returned relatively low values at both points at the surface and at 6 inches bgs. At 1 ft bgs, Point 1 and Point 3 returned laboratory chloride readings below regulatory standards, and GRO and DRO readings of non-detect. Point

2, which was sampled only at the surface, returned laboratory chloride and GRO readings at or near non-detectable levels. The DRO reading returned a value of 6,430 mg/kg.

Based on the laboratory analysis, a Corrective Action Plan (CAP) was submitted to NMOCD October 24th, 2014. NMOCD approved the report the same day. The CAP stated that the release area would be scraped down to 1 ft bgs. At the base of the scrape, a 5 point bottom composite would be taken and field tested for chlorides and organic vapors. If the field data indicated that the composite would not achieve chloride, GRO and DRO readings below regulatory standards, the scrape would be deepened until field testing indicated that all constituents from the bottom composite would be below regulatory standards. The bottom composite would then be taken to a commercial laboratory to confirm that chloride, GRO and DRO readings were below regulatory standards.

All excavated soil would be taken to a NMOCD approved facility for disposal. Clean caliche would be imported to the site to serve as backfill. A sample of the imported caliche would be taken to a commercial laboratory to confirm that the chloride reading was below regulatory standards. The area would be backfilled with the imported caliche and contoured to the surrounding location.

CAP activities began July 7th, 2015. The release area was excavated to 1 ft bgs and a 5 point bottom composite sample was collected from the base of the excavation and sent to a commercial laboratory for analysis (Figure 1). Laboratory analysis returned a chloride value of 112 mg/kg, a GRO value of non-detect and a DRO value of 12 mg/kg. A total of 140 yards of contaminated soil were exported and disposed of at a NMOCD approved facility. A total of 140 yards of caliche imported for backfill. A sample of the imported caliche was taken and sent to a commercial laboratory for analysis. Laboratory analysis returned a chloride level of non-detect. The site was backfilled with the clean, imported caliche and contoured to the surrounding location.

Photo documentation of the backfilled site can be found in Appendix C.

Given that CoP has completed the work stated in the NMOCD approved CAP and Addendum to the CAP, CoP respectfully requests 'remediation termination' and site closure. A final C-141 can be found in Appendix D.

Basin appreciates the opportunity to work with you on this project. Please contact me if you have any questions or wish to discuss the site.

Sincerely,

hyle Norma

Kyle Norman Project Lead Basin Environmental Service Technologies (575) 942-8542

Attachments:

Figure 1 – Excavation Map

Appendix A – Initial C-141

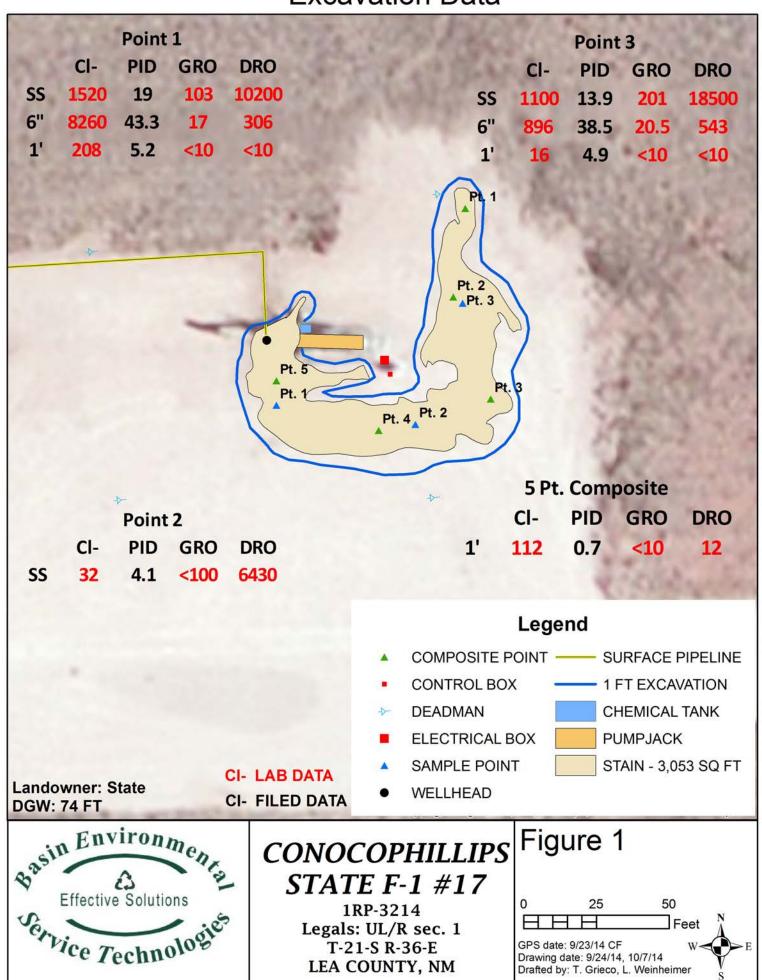
Appendix B – Laboratory Analysis

Appendix C – Photo Documentation

Appendix D – Final C-141

Figures

Excavation Data



Appendix A Intial C-141

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., 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

HOBBS OCD

Form C-141

P70 144 94 759

AUG 7 2014

Submit I Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

	tion and Corrective Action										
	OPERATOR Initial Report Final Report										
Name of Company: ConocoPhillips	Contact: David May										
Address: 1410 N West County Road	Telephone No. 575-391-3106										
Facility Name: State F-1 #17	Facility Type: Oil Well										
Surface Owner: State Mineral Own	ner: NMOCD API No3002538429										
LOCAT	ION OF RELEASE										
Unit Letter Section Township Range Feet from the N	orth/South Line Feet from the East/West Line County LEA										
Latitude 32.5061184267447 Longitude 103.217645	5512945 22.87 10										
TURE OF RELEASE	V. CD. CD. CD. CD. C. CD. CD										
Type of Release: Spill Source of Release: Pressure switch	Volume of Release BBLS Volume Recovered: BBLS Date and Hour of Occurrence Date and Hour of Discovery										
outee of Release. Pressure switch	8/6/2014 12:00 pm SAME										
Vas Immediate Notice Given?	If YES, To Whom? Tomas Oberding										
☐ Yes ☐ No ☐ Not Requ											
By Whom? David May	Date and Hour: 8/7/2014 12:00 pm										
Vas a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.										
f a Watercourse was Impacted, Describe Fully.*											
N/A											
release of 22.83 BPW occurred @ the State F-1 #17, Located											
ENV – Agency Reportable – 22.83 BPW – State F-1 #17 – Rivelease of 22.83 BPW occurred @ the State F-1 #17, Located COPC MSO responded to a release at the State F-1 #17 due to of 22.83 BPW with 10 BPW recovered. Affected area was 72' and called for vacuum truck. MSO isolated well and made necessimisted for remediation. The affected area will be remediate resumed without further incident. Describe Area Affected and Cleanup Action Taken.* State F-1 #17 Rom caliche pad. MSO reported incident to supervisor, HSE and called											
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Appendix B Laboratory Analysis



July 09, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: STATE F-1 #17

Enclosed are the results of analyses for samples received by the laboratory on 07/08/15 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 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.

Lope S. Moreno

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,

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BASIN ENVIRONMENTAL - HOBBS **KYLE NORMAN** 419 W. CAIN HOBBS NM, 88240

Fax To: (575) 393-0293

Received: 07/08/2015 Sampling Date: 07/08/2015

Reported: 07/09/2015 Sampling Type: Soil

Project Name: STATE F-1 #17 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: CONOCOPHILLIPS

Sample ID: 5 PT. COMP @ 1' (H501743-01)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/09/2015	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/09/2015	ND	199	99.4	200	6.45	
DRO >C10-C28	12.0	10.0	07/09/2015	ND	207	104	200	7.40	
Surrogate: 1-Chlorooctane	87.3 %	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.9 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte Cardinal Laboratories

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.

Lope S. Moreno



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

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Lope S. Moreno

ARDINAL LABORATORIES

Rust Lenal

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

(505) 393-2326 FAX (505) 393 Company Name: ConocoPhillips						\neg				470	1				1	ANAL	YSIS R	EQUEST		_
Project Manager: Kyle Norman							P.O.	#:												
Address: 419 W Cain							Com	par	ny: Ba	asin						SC				
State: NN	/ Zip	: 88	240				Attn	:								.0				
hone #: 575-393-2967 Fax #: 575	-393-0	293					Add	res	s: 419	9 W Cain						A				
roject #: Project Ov	ner:						City	: H	obbs			တ	Σ		포)SI				
roject Name:							Stat	e: N	M	Zip: 8824	0	de	15	×	브	io	S			
roject Location: State, F-1 #1	7						Pho	ne i	#: 57	5-393-2	967	Chlorides	TPH 8015	BTEX	Texas TPH	Cations/Anions	TDS			
ampler Name: Kyle Norman						_	_			93-0293		호	I	œ.	X					
FOR LAB USE ONLY				М	ATRI	(F	PRE	SERV.	SAMPL	NG	10	유		F	ete				
Lab I.D. Sample I.D. H501742 5p+ Comp @ /'	(G)RAB OR (C)OMP	/ # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE 7-8-15	TIME 9,45	1	V			Complete				
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive rem nealyses. All claims including those for negligence and any other cause whatsoever service. In no event shall Cardinal be liable for incidental or consequental damages, fiffiliates or successors arising out of or related to the performance of services hereur	shall be deen	out lim	itation, ardless	busines of whe	ss internation	untinne	loss of	1150	or loss of	profits incurred b	v client, its subsid	fiaries, vise.	able Y	05 5	a No	Add	Phone #:			_

affiliates or successors arising out of or related to the performal Relinquished By: Relinquished By:	Date: Date: Time: Time:	Rederived By: Received By: Received By:	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: REMARKS: email results: hconder@basinenv.com; knorman@basinen jkamplain@basinenv; lflores@basinenv; lwei	v.com; nheimer@basinenv;
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		2.22 Sample Condition CHECKE Cool Intact Initia Initia	DBY: cursanic@basinenv; sedwards@basinenv	@basinenv

#54

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2475



September 04, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: STATE F-1 #17

Enclosed are the results of analyses for samples received by the laboratory on 08/31/15 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 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.

Celey D. Keine

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



Analytical Results For:

BASIN ENVIRONMENTAL - HOBBS KYLE NORMAN

419 W. CAIN HOBBS NM, 88240

Fax To: (575) 393-0293

Received: 08/31/2015 Sampling Date: 08/31/2015

Reported: 09/04/2015 Sampling Type: Soil

Project Name: STATE F-1 #17 Sampling Condition: ** (See Notes)
Project Number: NONE GIVEN Sample Received By: Judy Garcia

Project Location: CONOCOPHILLIPS

Sample ID: IMPORTED SOIL (H502315-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/03/2015	ND	416	104	400	0.00	

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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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Celeg D. Freene

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: ConocoPhillips									B	ILL :	TO						ANA	LYSIS	REQUES	T		
Project Manager: Kyle Norman							P.C	D. #:														
Address: 419 W Cain							Co	mpa	ny: l	Basin							Sc		- 1 1			
City: Hobbs State: NM Zip: 88240 Phone #: 575-393-2967 Fax #: 575-393-0293							Attn: Address: 419 W Cain										0			- 1		
																	7				1	
Project #:	Project Owner:						Cit	y: H	obbs	S			100	Σ		exas TPH	Cations/Anion					
Project Name:	-						Sta	ate: 1	MM	Zip:	88240)	Chlorides	TPH 8015			9					
Project Location: 5+ F-/	#17						Ph	one	#: 5	75-39	93-29	967	i E	8	Ш	S	ati	108				
Sampler Name: TKurplan							Fa	7		393-02			글	Ī	BTEX	×a		-				
FOR LAB USE ONLY					MATR	X		PRE	SERV	S/	AMPLI	NG	O	0		le le	te					
Lab I.D. Sample I.I		# CONTAINE	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL		ATE	TIME					Complete					
1. Imported	50.1)	(-				-	8-	31-15	8:00	-									
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PLEASE NOTE: Liability and Damages. Cardinal's liability and clien analyses, All claims including those for negligence and any other ca	use whatsoever shall be deer	ned wa	aived un	less ma	de in wri	ting and	recei	ved by	Cardinal	within 30	days after	completion of th	ne applical	ble								
ervice. In no event shall Cardinal be liable for incidental or consequ- iffiliates or successors arising out of or related to the performance of	f services hereunder by Cardi	nal, reg	gardless	s of whe	ther such	claim is	s base	ed upon	any of t	he above s	stated rea	sons or otherwis	ie.			N-	A -1 -111 -					
Relinquished Byt.	09115	ece	eived	By:							- 1	Phone Res	t:	☐ Ye			Add'l I	Phone # Fax #:				
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Sampler - LIPS - Rus - Other	,	4			Yes [Yes		/	M	-		environ	men	tal te	ch:					(a)ba	sinenv	1

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

Appendix C Photo Documentation

ConocoPhillips State F-1 #17 Unit Letter R, Section 1, T17S, R27E



Initial release area, facing southeast



Scraping release, facing east



9/23/15



Initial release area, facing northwest





Scraping release, facing northeast

7/07/15



Exporting soil, facing east

7/08/15



Backfilling scrape, facing northeast

7/17/15



Importing caliche, facing southeast

7/17/15



Completed site, facing east

7/17/15



Completed site, facing northwest 7/17/15



Completed site, facing west 7/17/15

Appendix D Final C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

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.

			Rel	ease Notific	cation	and Co	orrective A	ction	1						
						OPERA'	ГOR		Initi:	al Report	Final Rep				
Name of Co	mpany: (ConocoPhill	ips			Contact		212			<u> </u>				
		est County F			,	Telephone No.									
Facility Nar		F-1 #17				Facility Type Oil Well									
Surface Ow	ner: Stat	· · · · · · · · · · · · · · · · · · ·		Mineral (Jamon J	JMOCD			ADINI	. 30025384	120				
Surface Ow	ner. Stat			Iviniciai (JWIIGI. I	NIVIOCID	***************************************		AFINC	5. 30023384	129				
						OF RE	·								
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Bource of Re.	icase Tipo	inic				8/6/2014		C	Same	110111 01 17150	overy				
Was Immedia	ate Notice (Given?				If YES, To									
		\boxtimes	Yes [] No 🗌 Not R	equired										
By Whom? J	ose A Zepe	eda				Date and H	Hour: 8/7/2014 12:	00 pm			***************************************				
Was a Water	course Reac					If YES, Vo	olume Impacting t	he Wat	ercourse.						
			Yes 🗵	No											
If a Watercou	rse was Im	pacted, Descr	ibe Fully.	k		h									
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Printed Name	: Robe	rt Do	365		A	approved by	Environmental Sp	ecialis	: /Jam?	× Viye					
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