Bratcher, Mike, EMNRD

From:

Kelton Beaird@oxy.com

Sent:

Wednesday, January 26, 2011 6:07 AM

To:

jamos@blm.gov; Dusty_Wilson@oxy.com; tgregsto@blm.gov; tbadbear@blm.gov

Cc: Subject: Bratcher, Mike, EMNRD; Leking, Geoffrey R, EMNRD RE: FW: Oxy MidCon-North Indian Basin Unit #15

Attachments:

RE: FW: Oxy MidCon-North Indian Basin C

Importance:

H20719 OXY.pdf

High

Jim,

If you could please see the attached analytical, you will see on the chain of custody at the end of the document, that initial samples were taken on 8-25-10, and not 12-23-10. The samples taken 12-23-10, were taken when an environmental contractor was available to perform delineation. This was the earliest available time for a contractor to perform delineation.

Thanks,

Kelton Beaird HES Specialist Oxy Mid-Con Carlsbad, NM O: 575-628-4121 C: 575-390-1903

----Original Message----

From: jamos@blm.gov [mailto:jamos@blm.gov] Sent: Tuesday, January 25, 2011 10:47 AM

To: Beaird, Kelton H; Wilson, Dusty L; tgregsto@blm.gov; tbadbear@blm.gov; tbadbear@blm.

Cc: mike.bratcher@state.nm.us; GeoffreyR.Leking@state.nm.us Subject: Re: FW: Oxy MidCon-North Indian Basin Unit #15

Quick response to spills and the remediation and restoration of spills are at the top of BLM priorities. Quick response to stop the release, contain, and remove the polutants is a must. I believe we're all on the same page, and we do a good job of stopping and containing. We're quick to make repairs and return the wells to production. This seems to be the end of quick. The above release was discovered 7/20/10. As per records supplied, the site was sampled 12/23/10, with analysis delivered to Cardinal Laboratories on 12/30/10, and results sent to BBC on 1/5/11. A plan, based on a discussion with OCD on 1/11/11 was submitted for approval to the OCD on 1/12/11. Mike approved the plan1/14/11. On 1/18/11, the plan was submitted to the BLM for authorization. The urgency to get this started this week is deminished in that the spill is 189 days old.

The 43 CFR 3162.5-1(c), states, "The operator shall exercise due dilligence in taking necessary measures, subject to approval by the authorized officer, to control and remove pollutants..." Environmental protection, including the remediation and restoration of the spill area is to receive the same quick response as the repairing of the line and the return to production. Oxy has several spills and/or compliance events that exceed the referenced spill. We somehow need to get past issues and get on with what's best for the environment. As you are aware, any activity on BLM managed lands and/or mineral estate, where the federal minerals created the event, the BLM will have to approve any surface disturbing activities. The OCD is the primary authorization to provide groundwater protection, and very seldom will

the BLM be more stringent (but it could happen under certain circumstances). The BLM will be the primary authorization for surface restoration on BLM lands. We have made the reporting process as easy as possible in that we accept one report (C-141). The process can be quickened by CC'ing the BLM when requesting authorization from the OCD. At no time do I want to hear that the BLM is holding up work when we're at day 189. If the request for authorization is delayed for more than a week, please get with me and I'll get with either, Terry or Trishia, and if I can't get with them I will make a call and get you something out. We will not delay the process without good cause.

Terry will get the authorization out ASAP.

If you have any questions, feel free to get back to me.

thanks,

J. Amos



September 03, 2010

KELTON BEAIRD

Oxy USA- Carlsbad

1502 W. Commerce

Carlsbad, NM 88220

RE: NIBU 15

Enclosed are the results of analyses for samples received by the laboratory on 08/25/10 14:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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,

Celey D. Keene

Lab Director/Quality Manager



Oxy USA- Carlsbad **KELTON BEAIRD** 1502 W. Commerce Carlsbad NM, 88220 (575) 628-4125 Fax To:

Received:

08/25/2010

Sampling Date:

08/25/2010

Reported:

09/03/2010

Sampling Type:

Soil

Project Name:

NIBU 15

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NEW MEXICO

Sample ID: BKG. (H020719-01)

BTEX 8021B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2010	ND	2.15	108	2.00	3.13	
Toluene*	0.057	0.050	08/30/2010	ND	1.99	99.6	2.00	2.36	
Ethylbenzene*	0.052	0.050	08/30/2010	ND	2.04	102	2.00	3.33	
Total Xylenes*	<0.150 0.150		08/30/2010	ND	6.06	101	6.00	3.52	
Surrogate: 4-Bromofluorohenzene (PIL	100	% 80-120							
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM			=			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/27/2010	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyze	Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2010	ND	178	88.9	200	2.97	
DRO >C10-C28	<10.0	10.0	09/03/2010	ND	199	99.5	200	16.2	
Surrogate: 1-Chlorooctane	91.9	% 70-130							
Surrogate: 1-Chlorooctadecane	73.6	% 70-130	ı						

Cardinal Laboratories

*=Accredited Analyte

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Oxy USA- Carlsbad KELTON BEAIRD 1502 W. Commerce Carlsbad NM, 88220 Fax To: (575) 628-4125

Received: Reported:

08/25/2010

09/03/2010

Project Name:

NIBU 15

Project Number:

NONE GIVEN

Project Location:

EDDY COUNTY, NEW MEXICO

Sampling Date:

08/25/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP - 1 SURF. (H020719-02)

BTEX 8021B	mg/	/kg	Analyze	d By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2010	ND	2.15	108	2.00	3.13		
Toluene*	<0.050	0.050	08/30/2010	ND	1.99	99.6	2.00	2.36		
Ethylbenzene*	<0.050	0.050	08/30/2010	ND	2.04	102	2.00	3.33		
Total Xylenes*	<0.150	0.150	08/30/2010	ND	6.06	101	6.00	3.52		
Surrogate: 4-Bromofluorobenzene (PIL	104	% 80-120								
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/27/2010	ND	432	108	400	0.00		
TPH 8015M	mg,	/kg	Analyze	d By: AB		<u>.</u>		<u></u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/03/2010	ND	178	88.9	200	2.97		
DRO >C10-C28	<10.0	10.0	09/03/2010	ND	199	99.5	200	16.2		
Surrogate: 1-Chlorooctane	87.5	% 70-130								
Surrogate: 1-Chlorooctadecane	64.4	% 70-130								

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Received:

08/25/2010

Reported:

09/03/2010

Project Name:

NIBU 15

Project Number: Project Location:

NONE GIVEN

EDDY COUNTY, NEW MEXICO

Sampling Date:

08/25/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP - 2 SURF. (H020719-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK			···		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.067	0.050	08/30/2010	ND	2.15	108	2.00	3.13	
Toluene*	0.739	0.050	08/30/2010	ND	1.99	99.6	2.00	2.36	
Ethylbenzene*	0.062	0.050	08/30/2010	ND	2.04	102	2.00	3.33	
Total Xylenes*	<0.150	0.150	08/30/2010	ND	6.06	101	6.00	3.52	
Surrogate: 4-Bromofluorobenzene (PIL	101 9	% 80-120			******				
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	08/27/2010	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: AB					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2010	ND	181	90.4	200	1.19	
DRO >C10-C28	638	10.0	09/03/2010	ND	178	89.1	200	8.56	
Surrogate: 1-Chlorooctane	75.7	% 70-130							
Surrogate: 1-Chlorooctadecane	48.9	% 70-130							

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Received:

08/25/2010

Reported: Project Name: 09/03/2010

Project Number:

NIBU 15 NONE GIVEN

Project Location:

EDDY COUNTY, NEW MEXICO

Sampling Date:

08/25/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP - 3 SURF. (H020719-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2010	ND	2.15	108	2.00	3.13	
Toluene*	0.314	0.050	08/30/2010	ND	1.99	99.6	2.00	2.36	
Ethylbenzene*	<0.050	0.050	08/30/2010	ND	2.04	102	2.00	3.33	
Total Xylenes*	<0.150	0.150	08/30/2010	ND	6.06	101	6.00	3.52	
Surrogate: 4-Bromofluorobenzene (PIL	99.8	% 80-120							
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	08/27/2010	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: AB					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2010	ND	181	90.4	200	1.19	
DRO >C10-C28	628	10.0	09/03/2010	ND	178	89.1	200	8.56	
Surrogate: 1-Chlorooctane	69.5	% 70-130							
Surrogate: 1-Chlorooctadecane	44.3	% 70-130							

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Celey & Keine



Oxy USA- Carlsbad KELTON BEAIRD 1502 W. Commerce Carlsbad NM, 88220 Fax To: (575) 628-4125

Received:

08/25/2010

Reported:

09/03/2010 NIBU 15

Project Name: Project Number:

NONE GIVEN

Project Location:

EDDY COUNTY, NEW MEXICO

Sampling Date:

08/25/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP - 4 SURF. (H020719-05)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.100	0.100	08/30/2010	ND	2.15	108	2.00	3.13	
Toluene*	1.99	0.100	08/30/2010	ND	1.99	99.6	2.00	2.36	
Ethylbenzene*	<0.100	0.100	08/30/2010	ND	2.04	102	2.00	3.33	
Total Xylenes*	<0.300	0.300	08/30/2010	ND	6.06	101	6.00	3.52	
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 80-120							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	08/27/2010	ND	432	108	400	0.00	
ТРН 8015М	mg/	kg	Analyzed By: AB			·			Qualifier Qualifier Qualifier
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2010	ND	181	90.4	200	1.19	
DRO >C10-C28	1440	10.0	09/03/2010	ND	178	89.1	200	8.56	
Surrogate: 1-Chlorooctane	82.0	% 70-130							
Surrogate: 1-Chlorooctadecane	<i>57.3</i>	% 70-130							

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 & Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Oxy (15A	BILL TO	ANALYSIS REQUEST								
Project Manage	" Kelton Real	P.O. #:									
Address:	1502 W. Commer	<u>ke</u>	Company:								
			Attn:								
Phone #: 622-412 Fax #: 628-410 =			Address:	EFFERENCE FRANCISCO CONTRACTOR OF FRANCISCO CO.							
Project #: Project Owner:			City:								
			State: Zip:								
Project Location		Phone #:		47							
Sampler Name:	Kellyn Red		Fax #:		1 2 12						
FOR EACHSE CHOY		MATRIX	PRESERV. SAMPL	ING	9 1						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	\$ 5 cg	MIN					
HZ0719-1	Rka	X II X		10 '000	$X \mid X \mid$	X					
2	SP-1- Smote										
3	Bkg. SP-1-Smot. SP-2 Surf. SP-3 sm-f			1_4						him make distance also white ever	
4	3P-3 sucf		<u> </u>								
5	SP-4 SUFF	$Y \mid Y \mid$				7-					
											
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anarrier All chairs brulggin	nd Damages. Cardinate habity and stends exclusive remedy for all ig those for negociation and any object cause wildstoever shall be de profinal be judgestor increased or goneequestal damages, including v	erned vizilized untessimade in whate and re-	ceived by Cardinal within 30 days after com	pletion of the appli	icasle						
Relinquished B	ordinal be little for increased or consequental demages, increased in ing set of selection the performance of services hereinder by C Date:	Received By:	based upon any of the above stated reason	Phone Re	sult: 🗆 Yes	[] No	Add'l Phor	ie#:		·	
Relinquished By: Date: Received By:				Fax Resu REMARK	lt: ☐ Yes	□ No	Add'l Fax #			A-10-20 Bit 10-10-20-20-20-20-20-20-20-20-20-20-20-20-20	Millionian alligo y
Relinguished B	Date:	Received By:	**************************************								
-	Time:	4001 No	MOOK								
Dolivered By	: (Circle One)	Sample Cond	tion CHECKED BY:								
Sampler JPS	- Bus - Other:	Cool Intact	(Initials)								
L KEMIT		110 11					~~~~~			-	*********

Revision 1.0

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

#26