

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Tuesday, November 13, 2012 2:19 PM
To: 'Cliff P. Brunson'
Cc: Chris Jones; Ken Swinney; Kathy Purvis; Jennifer Gilkey
Subject: RE: Oxy-Righthand Canyon 35 Federal #7 SWD

Reference: OXY USA * Right Hand Canyon 35-7 * 30-015-34529 * K-35-21s-24e * Eddy County, New Mexico
OCD Tracking Number: 2RP-828 * Date of release: 6/30/11

Cliff,

Your proposal for remediation of the above referenced release is approved with the following conditions/stipulations:

- Notify OCD 48 hours prior to commencement of remedial operations.
- Notify OCD 48 hours prior to obtaining samples where the analyses are to be submitted to OCD.
- Obtain representative confirmation samples of bottom and sidewalls of excavation.
- Obtain approval prior to backfilling excavations.
- Submit a closure report and Form C-141 marked Final Report upon satisfactory completion of project.
- Approval by BLM or any other regulatory authority as may be applicable.

As discussed, it is OCD's understanding that the areas identified as SP7 and SP8 are situated on the access road. OXY indicates that it is not practicable to excavate in these areas due to the steep grade of the road.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Sunday, September 23, 2012 5:21 PM
To: Bratcher, Mike, EMNRD
Cc: Chris Jones; Ken Swinney; Kathy Purvis; Jennifer Gilkey
Subject: Oxy-Righthand Canyon 35 Federal #7 SWD

Mike,

This e-mail is to confirm our discussion on September 5, 2012 concerning the remediation plan for the release that occurred at the Oxy Righthand Canyon 35 Federal #7 SWD. As agreed, Oxy will excavate 1 foot across the spill area except in the areas covered by SP4 - SP6 which will be excavated to a depth of 2 feet as depicted on the attached site diagram. In addition, the impacted soil inside the battery containment will be removed off the liner and replaced with clean material. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 75 to 80 feet.

I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
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BBC International, Inc.
World-Wide Environmental Specialists
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Bratcher, Mike, EMNRD

From: Microsoft Outlook
To: Cliff P. Brunson; Chris Jones; Ken Swinney; Kathy Purvis; Jennifer Gilkey
Sent: Tuesday, November 13, 2012 2:19 PM
Subject: Relayed: RE: Oxy-Righthand Canyon 35 Federal #7 SWD

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

[Cliff P. Brunson \(cbrunson@bbcinternational.com\)](mailto:cbrunson@bbcinternational.com)

[Chris Jones \(Christopher Jones@oxy.com\)](mailto:Chris.Jones@oxy.com)

[Ken Swinney \(kswinney@bbcinternational.com\)](mailto:kswinney@bbcinternational.com)

[Kathy Purvis \(kathy@bbcinternational.com\)](mailto:kathy@bbcinternational.com)

[Jennifer Gilkey \(jgilkey@bbcinternational.com\)](mailto:jgilkey@bbcinternational.com)

Subject: RE: Oxy-Righthand Canyon 35 Federal #7 SWD

Bratcher, Mike, EMNRD

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Sunday, September 23, 2012 5:21 PM
To: Bratcher, Mike, EMNRD
Cc: Chris Jones; Ken Swinney; Kathy Purvis; Jennifer Gilkey
Subject: Oxy-Righthand Canyon 35 Federal #7 SWD
Attachments: Remediation Packet- Righthand Canyon 35-7-2.pdf

Mike,

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copy W/A red com #1 SWD 1-22-24
015-22782 - red 95 Rec 90 PW

Inside Bldg - all pretty much

clean up @ 1'

from on other camp sample of for

etc & set for 104/BRT



operation w/
cliff divers

9/5/12

copy R/A Canyon 35 Red #7 SWD 35-21-24

Used Amplify -

steel carbon west - trunk smashed thru

carbon west wing -

mostly all # 820

SP6

SP8

2PC 1' @ rd except 45.6 - ecc 2' @

most will be hand digging

slide down to pond is too vertical

to get to

copy Melkhardt 4-5 - bed as was last year

11-22-24

5 P1 9600 SWD 1' 1902 3' 176

2'

1' every 1000 also

on well pad

**Laboratory Analytical Results Summary
Right Hand Canyon 35-7 SWD**

		Sample	SP1 @ Surface	SP1 @ 1 ft	SP2 @ Surface	SP2 @ 1 ft	SP3 @ Surface	SP3 @ 1 ft	SP4 @ Surface	SP4 @ 1 ft
Analyte	Method	Date	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.056
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Chloride	SM4500Cl-B		256	<16.0	576	80.0	<16.0	32.0	96.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<50.0	<10.0	<50.0	<10.0	<10.0	<10
DRO	TPH 8015M		556	748	8110	218	8390	863	2360	1690

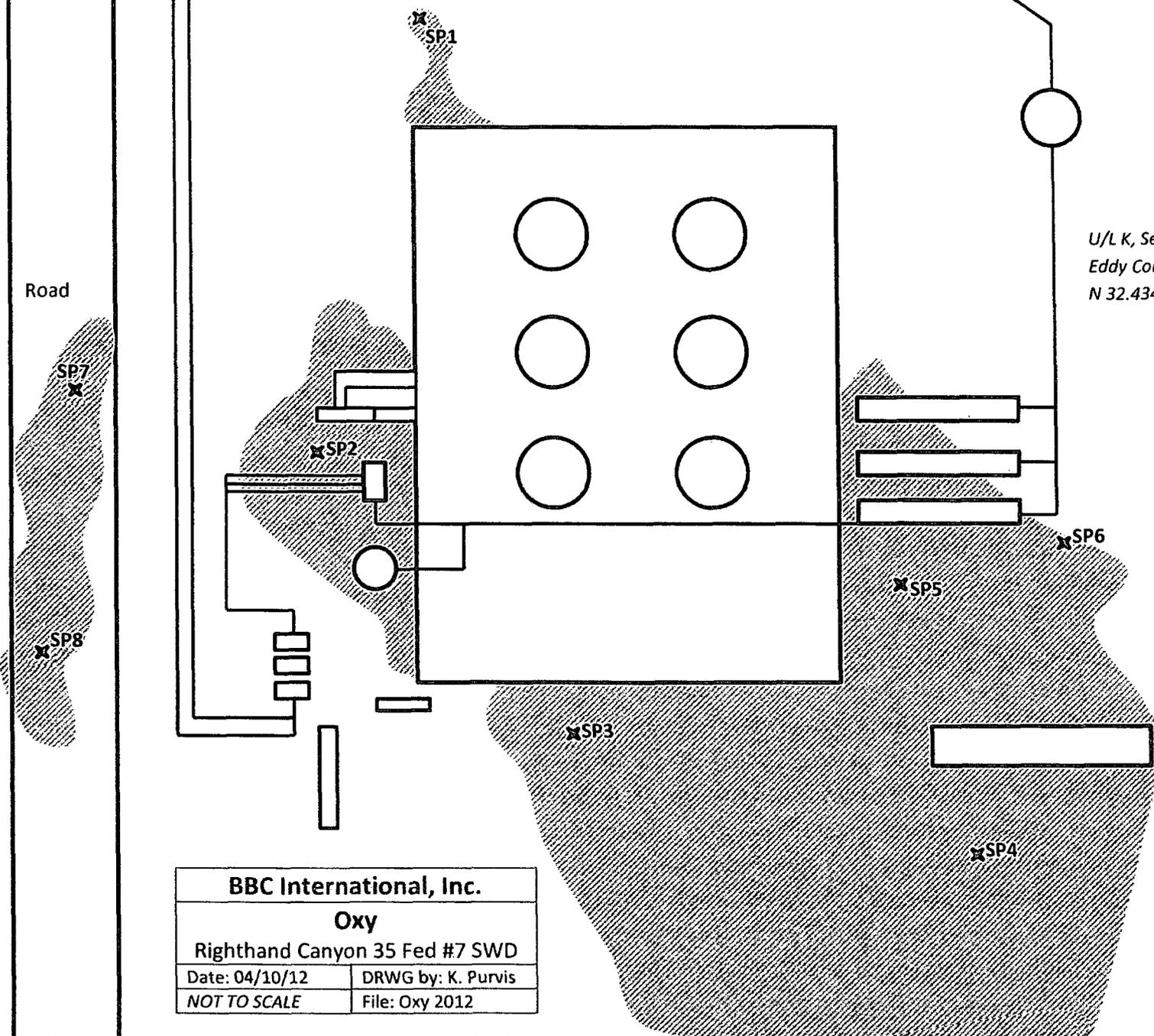
		Sample	SP5 @ Surface	SP5 @ 1 ft	SP6 @ Surface	SP6 @ 1 ft	SP7 @ Surface	SP7 @ 1 ft	SP8 @ Surface	SP8 @ 1 ft
Analyte	Method	Date	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	0.167	<0.150
Chloride	SM4500Cl-B		560.0	80.0	400	144	<16.0	<16.0	192	32.0
GRO	TPH 8015M		<10.0	<10.0	60.9	14.1	<10.0	<10.0	61.0	11.3
DRO	TPH 8015M		2390	1770	20300	3310	209	<10.0	40600	522

Righthand Canyon 35 Federal #7 SWD



U/L K, Section 35, T21S, R24E
Eddy County, NM
N 32.43428 W 104.46979

Road



BBC International, Inc.	
Oxy	
Righthand Canyon 35 Fed #7 SWD	
Date: 04/10/12	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2012



Section Quarters

Oxy Righthand Canyon 35 Fed #7

County Eddy	Unit Letter K	Section 35	Township 21S	Range 24E
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Trend Map 75'-80'

1

2

NW/NW None	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW *	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

* Location
 ○ OCD
 ○ USGS
 ⊙ SEO
 ● All Databases



Groundwater Plot

Oxy Righthand Canyon 35 Fed #7

County
Eddy

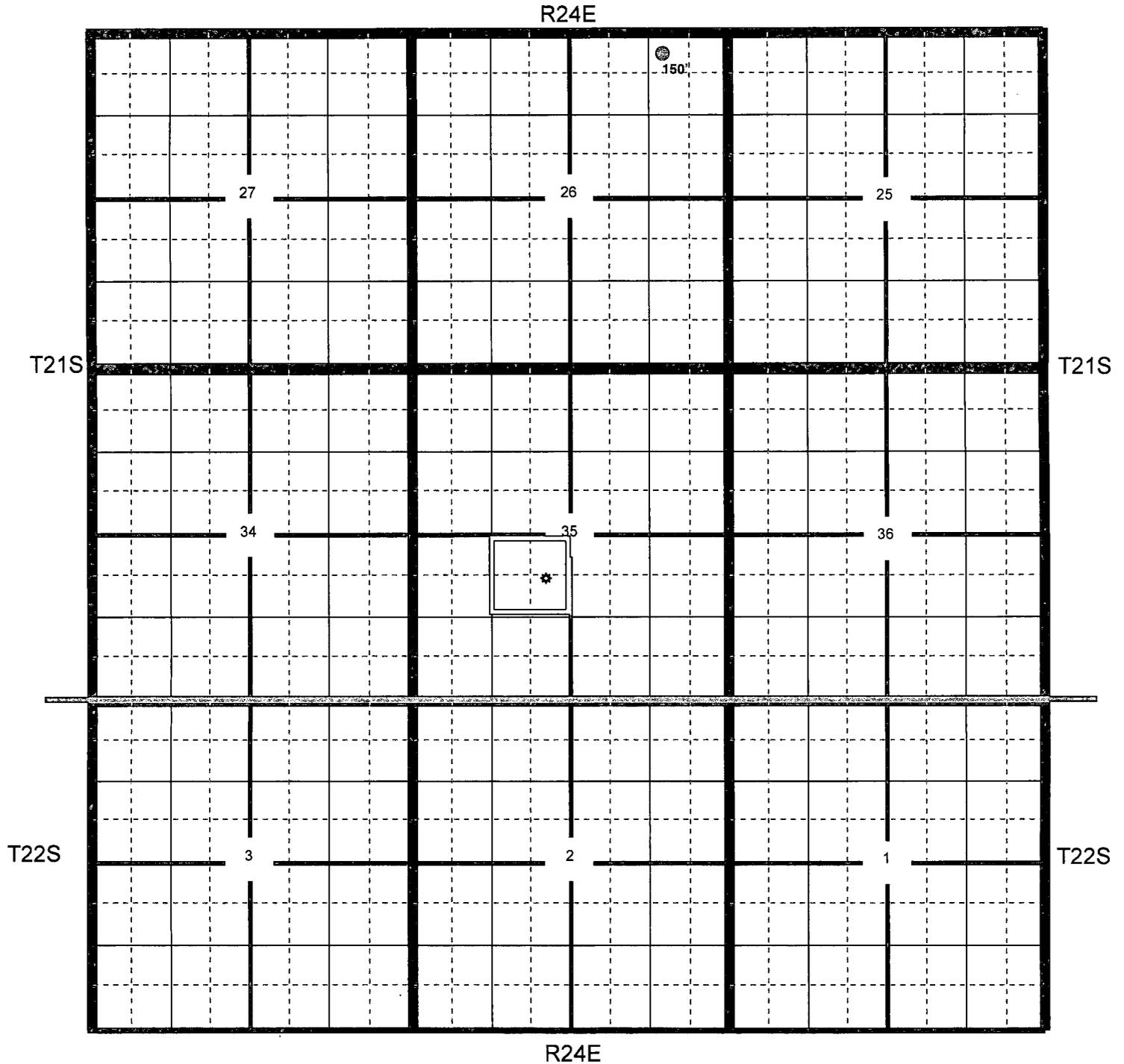
Unit Letter
K

Section
35

Township
21S

Range
24E

Trend Map 75'-80'



★ Location

○ OCD

○ USGS

● SEO

● All Databases