

From: Casey_Summers@oxy.com
To: [Yu, Olivia, EMNRD; agroves@slo.state.nm.us](mailto:Yu_Olivia_EMNRD@agroves@slo.state.nm.us)
Cc: Jennifer_Hudgens@oxy.com; cbrunson@bbcinternational.com; kswinney@bbcinternational.com; kathy@bbcinternational.com; jgilkey@bbcinternational.com
Subject: RE: State AR 3- Closure for 1RP-4518
Date: Monday, May 15, 2017 3:48:01 PM
Attachments: EXTERNAL RE OXY - State AR #003 Battery - Remediation Plan.msg
Revegetation Noxious Weed Plan - State AR #003 Battery.pdf

Olivia

Sorry for the confusion. Based on the sample data received by BBC we were able to determine the liner was still intact because there was little to no impacted soil underneath.

Also attached is the revegetation plan approved by Amber on 3/20/2017.

Casey Summers
O: (575)-628-4152
C: (575)-513-8289

From: Yu, Olivia, EMNRD [mailto:Olivia.Yu@state.nm.us]
Sent: Monday, May 15, 2017 10:39 AM
To: Summers, Casey L <Casey_Summers@oxy.com>; agroves@slo.state.nm.us
Cc: Hudgens, Jennifer A <Jennifer_Hudgens@oxy.com>; cbrunson@bbcinternational.com; kswinney@bbcinternational.com; kathy@bbcinternational.com; jgilkey@bbcinternational.com
Subject: [EXTERNAL] RE: State AR 3- Closure for 1RP-4518

Dear Mr. Summers:

The closure report for 1RP-4518 is DENIED. A condition of approval for the delineation/remediation workplan, dated March 7, 2017, is complete vertical delineation of two sample locations within the battery. Surface samples under the liner is not considered vertical delineation. Did the liner remain intact after the fire? Please confirm.

Also, on March 14, 2017, Ms. Groves required a revegetation plan to be included in the closure report.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

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, local laws and/or regulations.

From: Casey_Summers@oxy.com [mailto:Casey_Summers@oxy.com]
Sent: Thursday, May 11, 2017 12:35 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; agroves@slo.state.nm.us
Cc: Jennifer_Hudgens@oxy.com; cbrunson@bbcinternational.com;
kswinney@bbcinternational.com; kathy@bbcinternational.com; jgilkey@bbcinternational.com
Subject: State AR 3- Closure for 1RP-4518

Olivia and Amber,

I apologize for the confusion, I sent this email at the first of the week with the wrong subject line. Please see changes to subject line on this forwarded email. Reports are the same from original email sent on Monday.

Thanks Kathy for bringing this to my attention.

Casey Summers
O: (575)-628-4152
C: (575)-513-8289

From: Summers, Casey L
Sent: Monday, May 08, 2017 12:59 PM
To: 'Yu, Olivia, EMNRD' <Olivia.Yu@state.nm.us>; 'Groves, Amber' <agroves@slo.state.nm.us>
Cc: Hudgens, Jennifer A <Jennifer_Hudgens@oxy.com>; 'cbrunson@bbcinternational.com' <cbrunson@bbcinternational.com>; 'kswinney@bbcinternational.com' <kswinney@bbcinternational.com>; 'jgilkey@bbcinternational.com' <jgilkey@bbcinternational.com>; 'Kathy Purvis' <kathy@bbcinternational.com>
Subject: RE: Pure Gold A Federal 2- Closure for 2RP-3623

All,

Attached is the closure report and final C141 for a leak that occurred at the State AR 3 Battery on 11/3/2016 in Lea County, NM. Receipt notification via email is greatly appreciated. The RP number for this event is 1RP-4518.

Casey Summers
O: (575)-628-4152
C: (575)-513-8289

From: agroves@slo.state.nm.us
To: cbrunson@bbcinternational.com; Casey_Summers@oxy.com; Jennifer_Hudgens@oxy.com
Cc: kathy@bbcinternational.com; jgilkey@bbcinternational.com; kswinney@bbcinternational.com
Subject: [EXTERNAL] RE: OXY - State AR #003 Battery - Remediation Plan
Date: Monday, March 20, 2017 10:35:38 AM
Attachments: image002.png
image005.jpg
image001.png
image004.png

Cliff,

NMSLO is in agreement on work plan approval and the re-vegetation portion is approved.

Thank you,

Amber Groves

Remediation Specialist

Field Operations Division

(575)392-3697

(575)263-3209 cell

New Mexico State Land Office

2827 N. Dal Paso Suite 117

Hobbs, NM 88260

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From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Friday, March 17, 2017 2:57 PM
To: Groves, Amber <agroves@slo.state.nm.us>; Casey_Summers@oxy.com;
Jennifer_Hudgens@oxy.com
Cc: 'Kathy Purvis' <kathy@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>;
'Ken Swinney' <kswinney@bbcinternational.com>
Subject: RE: OXY - State AR #003 Battery - Remediation Plan

Amber,

Please find attached a revegetation plan per your request for the Oxy State AR #003.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
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World-Wide Environmental Specialists
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P. O. Box 805
Hobbs, NM 88241-0805 USA
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1324 W. Marland St.
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From: Groves, Amber [<mailto:agroves@slo.state.nm.us>]
Sent: Tuesday, March 14, 2017 5:27 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Cliff Brunson <cbrunson@bbcinternational.com>; Casey_Summers@oxy.com; Jennifer_Hudgens@oxy.com
Cc: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>; Houston, Kristen, EMNRD <Kristen.Houston@state.nm.us>; 'Kathy Purvis' <kathy@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>; Ken Swinney <kswinney@bbcinternational.com>
Subject: RE: OXY - State AR #003 Battery - Remediation Plan

Good Afternoon,

I will need a re-vegetation plan added for this one.

Thank you,

Amber Groves

Remediation Specialist
Field Operations Division
(575)392-3697
(575)263-3209 cell
New Mexico State Land Office
2827 N. Dal Paso Suite 117
Hobbs, NM 88260

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From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]
Sent: Tuesday, March 07, 2017 12:14 PM
To: Cliff Brunson <cbrunson@bbcinternational.com>; Casey_Summers@oxy.com;
Jennifer_Hudgens@oxy.com; Groves, Amber <agroves@slo.state.nm.us>
Cc: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>; Houston, Kristen, EMNRD
<Kristen.Houston@state.nm.us>; 'Kathy Purvis' <kathy@bbcinternational.com>; 'Jennifer Gilkey'
<jgilkey@bbcinternational.com>; Ken Swinney <kswinney@bbcinternational.com>
Subject: RE: OXY - State AR #003 Battery - Remediation Plan

Dear Mr. Brunson:

Thank you for the photos. The delineation workplan for 1RP-4518 is approved with the stated conditions. Please see the attachment for your records.

Thanks,
Olivia

From: Cliff Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Tuesday, February 28, 2017 9:33 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Casey_Summers@oxy.com;
Jennifer_Hudgens@oxy.com; agroves@slo.state.nm.us
Cc: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>; Houston, Kristen, EMNRD
<Kristen.Houston@state.nm.us>; 'Kathy Purvis' <kathy@bbcinternational.com>; 'Jennifer Gilkey'
<jgilkey@bbcinternational.com>; Ken Swinney <kswinney@bbcinternational.com>
Subject: RE: OXY - State AR #003 Battery - Remediation Plan

Olivia,

Listed below are the responses to your concerns in your email:

1. Upon receiving your email, we visited the site and took the attached picture of the wellhead area. The non-recordable release seen on the Google earth image had been taken care of and the area backfilled with gray gravel so a sample location here is not necessary.
2. Two sample points will be collected within the battery for vertical delineation.

3. Attached are photos of the fire and release.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
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From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]
Sent: Monday, February 20, 2017 3:54 PM
To: 'Cliff Brunson' <cbrunson@bbcinternational.com>; Casey_Summers@oxy.com;
Jennifer_Hudgens@oxy.com; 'agroves@slo.state.nm.us' <agroves@slo.state.nm.us>
Cc: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>; Lynch, Kristen, EMNRD
<Kristen.Lynch@state.nm.us>; 'Kathy Purvis' <kathy@bbcinternational.com>; 'Jennifer Gilkey'
<jgilkey@bbcinternational.com>
Subject: RE: OXY - State AR #003 Battery - Remediation Plan

Dear Mr. Brunson:

Please address the following concerns regarding the workplan for 1RP-4518:

1. According to a recent Google Earth image, apparently taken after the fire, there seems to be a release surrounding the pump jack. One sample location should be established here.
2. Initial C-141 did not mention a lined battery. Due to the depth to groundwater and volume of release, NMOCD request a minimum of two sample locations within the battery to be vertically delineated.
3. Provide photos of release if available.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

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From: Cliff Brunson
Sent: Saturday, January 28, 2017 6:45:00 PM (UTC-07:00) Mountain Time (US & Canada)
To: Lynch, Kristen, EMNRD
Cc: Casey Summers; Jennifer Hudgens; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - State AR #003 Battery - Remediation Plan

Kristen,

This e-mail is to confirm our discussion concerning the remediation plan for the OXY State AR #003 Battery release. I have attached the information packet that we used in our discussion on 2/25/17 with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

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New Mexico State Land Office Revegetation and Noxious Weed Management Plan

OXY – State AR #003 Battery

Revegetation Plan

Disturbed areas associated with the remediation efforts will be reseeded. If after one growing season, the vegetation has not taken hold, seeding may need to be repeated until revegetation is successful, as determined by the State Land Office. The seed will be spread by either using a hand-held broadcaster or tractor-mounted broadcaster and the area will be raked or dragged to cover the seed. Since the seed will be broadcast, the pounds per acre will be double over the amount used by drill planting.

The seed mixture will be the appropriate mixture for the specific site and planted in the required amounts of pounds pure live seed (PLS) per acre. Commercially sold seed will be either certified or registered and will not contain primary or secondary noxious weeds.

Gamma grass – 40% - 1.5 lbs. PLS

Buffalo grass – 40% - 1.5 lbs. PLS

Side oats – 20% - 1 lbs. PLS

Noxious Weed Management Plan

The site will be visited to assess the establishment of vegetative growth. Personnel performing the site visit will also look for the presence of noxious weeds at the site as indicated on the New Mexico Noxious Weeds List specified on the United States Department of Agriculture website. If a noxious weed is observed at the site, the NMSLO will be contacted to determine the most effective manner to eradicate it.