

## Bratcher, Mike, EMNRD

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**From:** Bratcher, Mike, EMNRD  
**Sent:** Friday, October 04, 2013 2:42 PM  
**To:** 'Cliff P. Brunson'  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** RE: OXY-Sand Dunes 34 Federal #2-Remediation Plan

Reference: OXY USA \* Sand Dunes 34 Fed 2 \* 30-015-27239 \* H-34-23s-31e \* Eddy County, New Mexico  
OCD Tracking Number: 2RP-1610 \* Date of release: 3/25/2013

Cliff,

Your proposal for remediation of the above referenced produced fluid release is approved. Please notify OCD prior to commencement of remedial activities. BLM approval is also required on federal sites.

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.

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

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**From:** Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]  
**Sent:** Saturday, September 21, 2013 4:35 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** OXY-Sand Dunes 34 Federal #2-Remediation Plan

Mike,

This e-mail is to confirm our conversation the other day about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, in the former pit area located to the north of the well pad, Oxy will remove 2 feet and then backfill with 1 foot of caliche and 2 feet of top soil. This area is represented by sample points SP4-SP6. The area on the well pad will not require any remediation as the sample data shows no impact.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS  
President  
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World-Wide Environmental Specialists

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**Bratcher, Mike, EMNRD**

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**From:** Microsoft Outlook  
**To:** Cliff P. Brunson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Sent:** Friday, October 04, 2013 2:42 PM  
**Subject:** Relayed: RE: OXY-Sand Dunes 34 Federal #2-Remediation Plan

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

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

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

Subject: RE: OXY-Sand Dunes 34 Federal #2-Remediation Plan

Meeting w/ Cliff Brunson 9/5/13

015 27239  
2RP-1610

Op 7 Sand Dune 34 Fed # 2

Release flow path across old pit also  
spill area across pond - Austin had come back  
clean - ~~the nothing on pond~~ sure scrape on  
pit area - SP 4-5-6 will be per BLN  
req. - Analytical data shows chl to  
be locked up @ to 4' - graph on pit

2RP-1319, 1389, 1617, 1678 30-015-26194

Op 7 Sand Dune 28 # 1 SWD  
4 releases

GW 200-2  
250  
T Map

Leak 2 west west other basically spill  
nothing 1-6 (west) 1' 7-10 path  
7-8-9 1'  
10 - 1' - 1 1/2

Area North of Btry : common pooling area for  
all releases

Area Around pump - will have to drill