

**From:** Patterson, Heather, EMNRD  
**To:** ["Jacob Kamplain"](#)  
**Cc:** ["Baker, Larry"](#); ["Hack Conder"](#); ["Laura Flores"](#); ["Lara Weinheimer"](#); ["Catherine Ursanic"](#); [Bratcher, Mike, EMNRD](#)  
**Subject:** RE: Apache EAU Emulsion Line  
**Date:** Wednesday, March 04, 2015 7:36:00 AM

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RE: Apache \* EAU Emulsion Line \* 30-015-40233 \* 2RP-2828

Jacob,

Your proposed path forward is approved as written.

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.

Heather Patterson  
Environmental Specialist  
NMOCD District II  
(575)748-1283 ext.101

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**From:** Jacob Kamplain [mailto:[jkamplain@rice-ecs.com](mailto:jkamplain@rice-ecs.com)]  
**Sent:** Monday, March 02, 2015 1:25 PM  
**To:** Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD  
**Cc:** 'Baker, Larry'; 'Hack Conder'; 'Laura Flores'; 'Lara Weinheimer'; 'Catherine Ursanic'  
**Subject:** Apache EAU Emulsion Line

## **Path Forward**

Apache EAU Emulsion Line (2RP-2828)

### **Background and Previous Work**

The site is located approximately 14.5 miles east of Artesia, New Mexico at UL/J sec. 34 T17S R28E. USGS records indicate that groundwater will likely be encountered at a depth of approximately 86 +/- feet.

On February 7<sup>th</sup>, 2015, Apache noticed that the 45 on the six inch fiberglass line failed, releasing 10 barrels of produced water and 5 barrels of oil over 11,445 square feet of pasture land and bar ditch. Vacuum trucks were called to the site and recovered 7 barrels of produced water and 3 barrels of oil. The fiberglass line was isolated and repaired. An initial C-141 was sent to NMOCD for approval, and NMOCD approved the initial C-141 on February 20<sup>th</sup>, 2015.

RECS personnel were on site beginning on February 10<sup>th</sup>, 2015. Four verticals were installed within the release area. The verticals were sampled every 6 inches as they were advanced, and the soil samples were field tested for chlorides and organic vapors. The bottom samples from Vertical 1, Vertical 3 and Vertical 4 were taken to a commercial laboratory for analyses. Vertical 1 returned a laboratory chloride reading of 160 mg/kg, Vertical 3 returned a laboratory chloride reading of 80 mg/kg and Vertical 4 returned a laboratory chloride reading of 352 mg/kg. GRO and DRO readings for all three bottom samples returned readings of non-detect, except for the DRO reading in Vertical 1, which returned a reading of 91.6 mg/kg.

The site map and the lab for these data are attached.

### **Path Forward**

Due to safety concerns for personnel and equipment, we would like to request permission to remove the higher level contamination along the bar ditch to no deeper than 6 inches. As the scrape is being conducted, the contaminated soil will be removed from the bar ditch and then immediately replaced with clean, imported soil.

If you have any questions, please let Bruce or us know. Otherwise, we await your direction on this matter.

### **Jacob Kamplain**

Project Leader  
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