

## Bratcher, Mike, EMNRD

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**From:** Van Curen, Jennifer <jvancure@blm.gov>  
**Sent:** Wednesday, December 04, 2013 11:36 AM  
**To:** Lara Weinheimer  
**Cc:** Bratcher, Mike, EMNRD; Warren, JeanMarie, EMNRD; Hack Conder; compton@gp2energy.com; Jacob Kamplain  
**Subject:** Re: Addendum to the GPII Littlefield Bo Federal #2 Battery (2RP-1738) Corrective Action Plan

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

This plan is good. When samples come back, we can determine a depth that will suffice strategically, so that it will not become a problem when location is abandoned. With having the 40 mil liner in place, no future incidents should impose a problem. It looked like you were getting into some caliche material when digging, so hopefully the depth that contamination was allowed to penetrate will not be bad. Thanks.

JENNIFER E VAN CUREN  
ENVIRONMENTAL PROTECTION SPECIALIST  
DOI-BLM-CARLSBAD FIELD OFFICE  
320 E GREENE ST. CARLSBAD, NM 88220  
OFFICE- 575-234-5905  
CELL - 575-361-0042  
FAX - 575-234-5927

On Wed, Dec 4, 2013 at 11:30 AM, Lara Weinheimer <[lweinheimer@rice-ecs.com](mailto:lweinheimer@rice-ecs.com)> wrote:

Ms. Van Curen,

The following is an Addendum to the GPII Littlefield BO #2 Battery (2RP-1738) submitted to BLM and NMOCD of December 4<sup>th</sup>, 2013. Page 2, section Corrective Action Plan. The paragraph with text in blue lettering below will replace the text in red lettering marking with a strike-through.

### Corrective Action Plan

The scrape on the pad returned a bottom composite laboratory chloride reading less than 1,000 mg/kg and GRO, DRO and BTEX levels of non-detect. Therefore, the scrape will be backfilled with clean, imported caliche and then contoured to the surrounding location.

The southwest corner of the bermed battery still needs to be delineated. Another vertical will be installed in the southwest corner of the battery to a depth where laboratory chloride readings indicate a significant decline. Once this has been achieved, the highest impacted soil, to a depth of 2-3 ft bgs, will be excavated and sent to a NMOCD approved facility. The excavation will be backfilled with clean, imported soil and a 40 mil reinforced poly liner will be installed over the surface of the area (Figure 2).

~~The southwest corner of the bermed battery still needs to be delineated. Another vertical will be installed in the southwest corner of the battery to a depth where laboratory chloride readings are below 250 mg/kg. Once this has been achieved, a 20 mil reinforced poly liner will be installed across the southwest corner of the battery at 2 ft bgs (Figure 2). The liner will inhibit the downward migration of constituents to groundwater and provide a barrier for any future releases. The excavated soil will be disposed of at a NMOCD approved facility. The liner will be padded with 6 inches of clean, imported soil to protect the liner from punctures and then the liner will be topped with clean, imported caliche.~~

Lara Weinheimer

Rice Environmental Consulting & Safety

Project Scientist

419 West Cain

Hobbs, NM 88240

(575) 441-0431