

## Bratcher, Mike, EMNRD

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**From:** Sheldon Hitchcock <SLHitchcock@concho.com>  
**Sent:** Tuesday, November 14, 2017 3:47 PM  
**To:** Price, Henryetta; stucker@blm.gov; Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD  
**Cc:** Dakota Neel; Rebecca Haskell  
**Subject:** Patron 23 Federal #4H (1/28/17) Proposed Liner  
**Attachments:** Patron 23 Federal 4H Battery Soil Investigation Summary and Proposed Rem....pdf

Good Afternoon Everyone,

I preformed confirmation sampling at the Patron 23 Fed #4H per the approved work plan (copy attached) today. As stated in the work plan I advanced test trenches at T-1 and T-2 and was able to achieve an additional 5-feet of vertical delineation per NMOCD guidelines. However my bottom of excavation samples were still elevated above NMOCD RRAL's. Due to the results of our field analysis and the excavation difficulties imposed by the caliche horizon at this site I would like to propose setting a liner (at a minimum of 4-feet BGS) to encapsulate the remaining chloride impacts and backfilling the excavation. Please let me know what your thoughts are on this or if you have any questions.

Respectfully,

Sheldon L. Hitchcock  
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