

Bratcher, Mike, EMNRD

From: Tucker, Shelly <stucker@blm.gov>
Sent: Tuesday, November 14, 2017 4:35 PM
To: Sheldon Hitchcock
Cc: Price, Henryetta; Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Dakota Neel; Rebecca Haskell
Subject: Re: Patron 23 Federal #4H (1/28/17) Proposed Liner

Henryetta is out of the office until next week.

I have reviewed the work proposal and BLM accepts COG's request to install a liner to ensure encapsulation of the remaining impacted material.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist
O&G Spill/Release Coordinator

Bureau of Land Management
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Carlsbad, NM 88220

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The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Tue, Nov 14, 2017 at 3:47 PM, Sheldon Hitchcock <SLHitchcock@concho.com> wrote:

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

HSE Coordinator

COG Operating LLC

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