

**From:** [Weaver, Crystal, EMNRD](#)  
**To:** [Sheldon Hitchcock](#); [Price, Henryetta](#); [stucker@blm.gov](mailto:stucker@blm.gov); [Bratcher, Mike, EMNRD](#)  
**Cc:** [Dakota Neel](#); [Rebecca Haskell](#)  
**Subject:** RE: Patron 23 Federal #4H (1/28/17) Proposed Liner  
**Date:** Tuesday, February 13, 2018 12:54:00 PM

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RE: COG Operating LLC \* Patron 23 Federal #4H \* 30-015-42451 \* 2RP-4096

Hey Sheldon,

I am working on the closure for this one right now and I am also working on the work plan approval for the other release that occurred at this same location on 7/28/17 2RP-4286. I have a quick question on the work plan for this one (2RP-4096) TRC wrote in the work plan that “a reference map utilized by the NMOCDD Hobbs District Office” was consulted for the depth to ground water analysis that they did on this project. What map would that be? Is that supposed to be the Chevron Texaco trend map? They say the depth to water (dtw) determination they got from the map was 190’ dtw. Tetra Tech in the other work plan for 2RP-4286 ALSO sites only the Chevron Texaco trend map as their only depth to ground water reference and says the map reads 200’ to 225’ dtw. Why was that trend map the only item referenced? I just really want to stress on how we need to utilize all available depth to water data that we have otherwise OCD may need to start requesting that depth to water for actual site locations be confirmed via a temporary monitor well i.e. bore hole that goes vertical till protectable depth to ground water is reached.

I will approve this release for closure and work on the work plan for 2RP-4286 shortly here after but please keep in mind what I have mentioned here.

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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 Mike Bratcher and/or myself in the District II Office.

## Crystal Weaver

Environmental Specialist

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**From:** Sheldon Hitchcock [mailto:SLHitchcock@concho.com]

**Sent:** Tuesday, November 14, 2017 3:47 PM

**To:** Price, Henryetta <hprice@blm.gov>; stucker@blm.gov; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

**Cc:** Dakota Neel <DNeel2@concho.com>; Rebecca Haskell <RHaskell@concho.com>

**Subject:** Patron 23 Federal #4H (1/28/17) Proposed Liner

Good Afternoon Everyone,

I performed 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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