

From: [Barnes, Will](#)
To: rmcneill@concho.com; [Strang, Dana V.](#); [Kasuboski, Robert](#); [Groves, Amber](#); [Bratcher, Mike, EMNRD](#); [Patterson, Heather, EMNRD](#)
Subject: Crossman well pad
Date: Friday, February 12, 2016 9:06:11 AM

Good morning Robert;

Thank you very much for meeting Robert and me yesterday with your crew at the Crossman. Here is a quick summary of what we discussed:

We agreed that Concho would present a PE certified design for protection and reconstruction of the Crossman well pad, to the land office, as soon as possible, but no later than three weeks from today which is Friday, March 4th. We agreed that the land office would review your plan as quickly as possible upon receipt. With PE certification we should be able to turn it around in a matter of days.

The plan will reduce the overall footprint of the pad into the floodplain as much as possible. We anticipate that the new pad will extend no more than 20 feet beyond the edge of the current anchors.

The plan will also provide some sort of structural protection against future flooding. We envision a structure that is tied into the current upstream bank, with more rounded edges and more congruent with the natural flood plain. The structure should allow high flows to move past the pad, rather than impeding flows or forcing water to go across the pad. The plan should include some sort of anchored barricade made of rock and wire mesh to hold the pad in place, should we experience extreme flows.

We would like the plan to address the potential for undercutting and side cutting.

We also anticipate that chloride sampling will be completed in the very near future and that a plan for remediation of the chloride hot spots will be developed in consultation with OCD.

We agreed that you would notify us whenever you plan to do your drilling and sampling work, and as you begin remediation and construction so that we might monitor your efforts. If you need any other input from us we are very glad to meet you again out there, or otherwise, for consultation.

We agreed to a deadline of April 15th for completion of all the work, including remediation of the chloride hot spots, reclamation of the outer edges of the old pad, and reconstruction of the new pad with the new flood protection structures.

I think that is about everything. Please, if you have any comments or amendments, or if I

misconstrued anything that we said, do not hesitate to let me know. We are happy to discuss. Again, we are grateful for your efforts and look forward to wrapping this up in the very near future.

Yours sincerely,

Will

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