

From: Bratcher, Mike, EMNRD
To: ["Randall Hicks"; Hughes, Solomon](#)
Cc: ["Gonzalez, Luis"](#)
Subject: RE: SWR - Hackberry release - I will call you to confirm this proposed resolution
Date: Wednesday, December 03, 2014 11:01:00 AM
Attachments: [image001.png](#)

Thanks. That is part of the problem, but not all of it.

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From: Randall Hicks [mailto:r@rthicksconsult.com]
Sent: Wednesday, December 03, 2014 6:32 AM
To: Bratcher, Mike, EMNRD; Hughes, Solomon
Cc: 'Gonzalez, Luis'
Subject: SWR - Hackberry release - I will call you to confirm this proposed resolution

Mike

Yesterday we did not discuss this release at all. But after our general discussion of yesterday, I see a problem for OCD. I will call you later today to see if the additional sampling proposed in **green** below can put this release in our rear-view mirror. I will be discussing this site with BLM for a few moments tomorrow.

PL-1- C S and PL-1-is below detection limits for chloride
But PL-1-N shows 1900 chloride – this value without a sample beneath to show a declining trend is a problem for OCD

PL-2 samples are background for this depth

PL-3-C also has a relatively high chloride with no further vertical delineation

PL-4 samples are quite low – but are not at background

Frankly, until our conversation of yesterday, I did not even consider these highly localized spots of chloride as a regulatory or plan approval problem. A “composite” sample from the bottom of the trench would yield acceptable concentrations but may not have delivered the quality of data OCD needs to make a decision. We included the average concentration in the trench as an indication that the residual chloride in soil is quite low.

If the lack of vertical delineation of this final sampling program is the problem, I will return to the site to collect two vertical profiles with a post hole digger or auger: one from the PL-3 area and one from PL-1 area

Let's see what these data say and then, hopefully, get this done and covered.

Randall T. Hicks
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