

From: [Bratcher, Mike, EMNRD](#)
To: [Patterson, Heather, EMNRD](#)
Subject: FW: Turner B #47 Field Test
Date: Thursday, September 18, 2014 1:57:10 PM
Attachments: Turner B #47 Drawing.docx

-----Original Message-----

From: Vernon Black [<mailto:vernon@hungry-horse.com>]
Sent: Friday, May 20, 2011 4:45 PM
To: dpotter@lennenergy.com; 'Daniel Frick'; 'Allan Rambur'; Terry_gregston@nm.blm.gov; Bratcher, Mike, EMNRD
Subject: Turner B #47 Field Test

Guys, we have excavated the draw and the arroyo down to 6'-8' BGS. Field test were conducted today to try and determine the progress of the project.

Please see the attached sketch with the marked sample points and the corresponding chloride field test results.

The contour and depth of the arroyo is presenting a challenge. We are a point where we are about to have to do much more extensive excavating of the walls of the arroyo in order to access the bottom. To be able to access the bottom of the arroyo to effectively and efficiently excavate the contaminants that are left, much more work "outside the contaminated area"

will be required.

Having said this, I am asking for feedback as to the next course of action.

Is the level of contaminants left high enough to warrant the extra damage that will be caused to the surface and the arroyo in order to get the chlorides down to closure levels? Is this area a possible candidate for a risk based closure knowing the depth to ground water is >300', the distance to the playa, and the amount of contaminants already removed?

Thanks,
vernon