

KAFB-BFPS
ST-106/SS-III
Drilling Source Area
Further justification for installing
GMM well in Source Area

From: Andress, Lane, NMENV
To: Cobrain, Dave, NMENV; Pierard, Kevin, NMENV
Cc: Wear, Benjamin, NMENV; Murphy, Robert, NMENV; Suzuki, Michiya, NMENV
Subject: RE: FW: Response to your request for a summary of the step-out boring issue
Date: Monday, December 7, 2020 9:41:00 AM

 ENTERED

Kevin, I wanted to add the specific well IDs for Comment 3 and 4:

Comment 3: "Contaminant concentrations are the highest in this area, and there are only four wells with undrowned screens, and three of those likely have only a 5-year life span." Wells KAFB-106149-484, KAFB-106151-484, and KAFB-106152-484, and KAFB-106S1. The only well that will not be submerged in 5 years is KAFB-106S1.

Comment 4: "LNAPL exists in three wells, located north, south, and south-southeast of this location; all of these wells have drowned well screens." Wells KAFB-106 150-484, KAFB-106-076, and KAFB-106-059.

In addition Comment 1 needs a little re-wording: the two sentences "The proposed well will be the only borehole to date to be cored to the water table and beyond that will be geophysically logged for comparison with detailed lithologic logging from other boreholes. It will also be the only borehole to be advanced until the drillers reach clean soils."

Should become:

"The proposed well location will be the only borehole to date to be both cored beyond the water table to clean soils and be geophysically logged for comparison with detailed lithologic logging from other boreholes."

Thanks,
Lane

Lane Andress, P.G.
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From: Cobrain, Dave, NMENV <dave.cobrain@state.nm.us>
Sent: Monday, December 7, 2020 9:05 AM
To: Pierard, Kevin, NMENV <Kevin.Pierard@state.nm.us>
Cc: Andress, Lane, NMENV <Lane.Andress@state.nm.us>; Wear, Benjamin, NMENV <Benjamin.Wear@state.nm.us>; Murphy, Robert, NMENV <Robert.Murphy@state.nm.us>; Suzuki, Michiya, NMENV <Michiya.Suzuki@state.nm.us>
Subject: FW: Response to your request for a summary of the step-out boring issue

KAFB5156



Kevin,

This by Lane with was assembled quickly for your use input from Ben and Sid. Lane is still getting the well IDs for the 4 relatively nearby wells with NAPL (drowned, see items 3 and 4). Kate's email was not accurate, appears to be deliberately misleading, and ignores important facts, such as the usefulness of analytical data collected from submerged screens and the fact that the water table is still rising. We still haven't heard that the AF has hit the water in the boring or total depth as required by the Approval with Modifications so we assume that they're still drilling so there can't be a decision regardless. Either way, the well needs to be installed.

Dave