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Goering, Darlene, NMENV

From: Goering, Darlene, NMENV
Sent: Thursday, October 12, 2006 8:36 AM
To: 'Becky-Coel Roback'
Subject: RE: Deviation to sampling plan for AOC 00-030(eN)

Becky,

This sounds like a reasonable approach to this unanticipated situation.

Darlene

From: Becky-Coel Roback [mailto:becky_cr@lanl.gov]
Sent: Wednesday, October 11, 2006 3:59 PM
To: Goering, Darlene, NMENV
Subject: Deviation to sampling plan for AOC 00-030(eN)

Darlene--As a follow up to my voice mail, we are proposing a slight modification to the work plan regarding sampling at AOC 00-030(eN). At this site, which is the old Boy Scout ranch, we were supposed to collect one of our samples at the intersection of the outlet lines coming from the two tanks, which is 40 to 50 ft north of the north end of the tanks (see Figure 4.4-1 in the work plan). Upon excavation, we discovered that the lines were no longer in place. This makes our sampling location somewhat arbitrary, as the lines and everything above them appear to have been bulldozed and we can't be sure exactly where they ran. In a single-tank situation, we would generally sample at the junction between the tank and the outlet line, which is one location where leakage commonly occurs. Therefore, to ensure we characterize the site properly, I am proposing that we take a sample, in undisturbed tuff, at the location where we think the outlet lines left each tank. Although this location no longer exists in the "z" direction, we do have a good read on the "x" and "y" because the tanks were still in place. Given that contamination would migrate downward, we can collect a sample at the fill-tuff interface directly below where the lines would have left the tank, and another sample two feet deeper. In summary, we would be collecting two samples at each of two locations, rather than three samples at one location. If field screening results indicate that we need to go deeper at either of the proposed locations, we would collect a deeper interval.

Please let me know if this sounds acceptable to you, or if you need further clarification.

Thanks,
Becky

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