

TA 03

Dhawan, Neelam, NMENV

From: Dhawan, Neelam, NMENV
Sent: Thursday, December 06, 2007 2:11 PM
To: 'Becky-Coel Roback'
Cc: Cobrain, Dave, NMENV; mcinroy@lanl.gov
Subject: RE: 03-055(c) sediment sampling

Becky

I've reviewed the figure you sent me with the proposed changes in sampling locations for SWMU 3-055(c). I agree with the approach you're currently proposing. Since you're proposing to collect additional samples in the drainage, it will give us a better information on contaminant migration down gradient of the outfall, and the multiple depths at each sampling location will also help to define the vertical extent. I am approving the deviation from the approved Investigation Work plan for Upper Los Alamos Canyon Aggregate Area, for sampling at SWMU 3-055(c).

Let me know if you've any questions.

Neelam



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From: Becky-Coel Roback [mailto:becky_cr@lanl.gov]
Sent: Wednesday, December 05, 2007 6:15 PM
To: Dhawan, Neelam, NMENV
Cc: Cobrain, Dave, NMENV; mcinroy@lanl.gov
Subject: 03-055(c) sediment sampling

Neelam--per our conversation earlier today, attached is a slightly modified figure out of the approved Upper Los Alamos investigation work plan. The inset box shows the current sampling approach (i.e., one location downstream of the outfall, and three locations fanned out less than 10 ft downstream from that). The hand-drawn red dots on the map show an approximation of the sediment sampling that we are performing to help the Los Alamos County folks out with their road building efforts. The drainage is very narrow (~ 2 ft) and very well defined, so it seems unnecessary to fan out to determine the path of flow. There are obvious sediment pockets to the edge of the canyon slope. We would like to propose that we use this sampling approach (and in fact, these samples) because it will better characterize the downstream extent of any potential contamination. The analytical suite is the same as in the approved work plan, and we are collecting multiple depths at all locations. The number of locations/samples and length of the channel characterized are obviously greater than previously proposed. Please let me know what you think.

Thanks,
 Becky

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