

TA03

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Sent: Wednesday, December 05, 2007 6:15 PM
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Cc: Cobrain, Dave, NMENV; mcinroy@lanl.gov
Subject: 03-055(c) sediment sampling
Attachments: 3-055(c)_IWP_figure.pdf

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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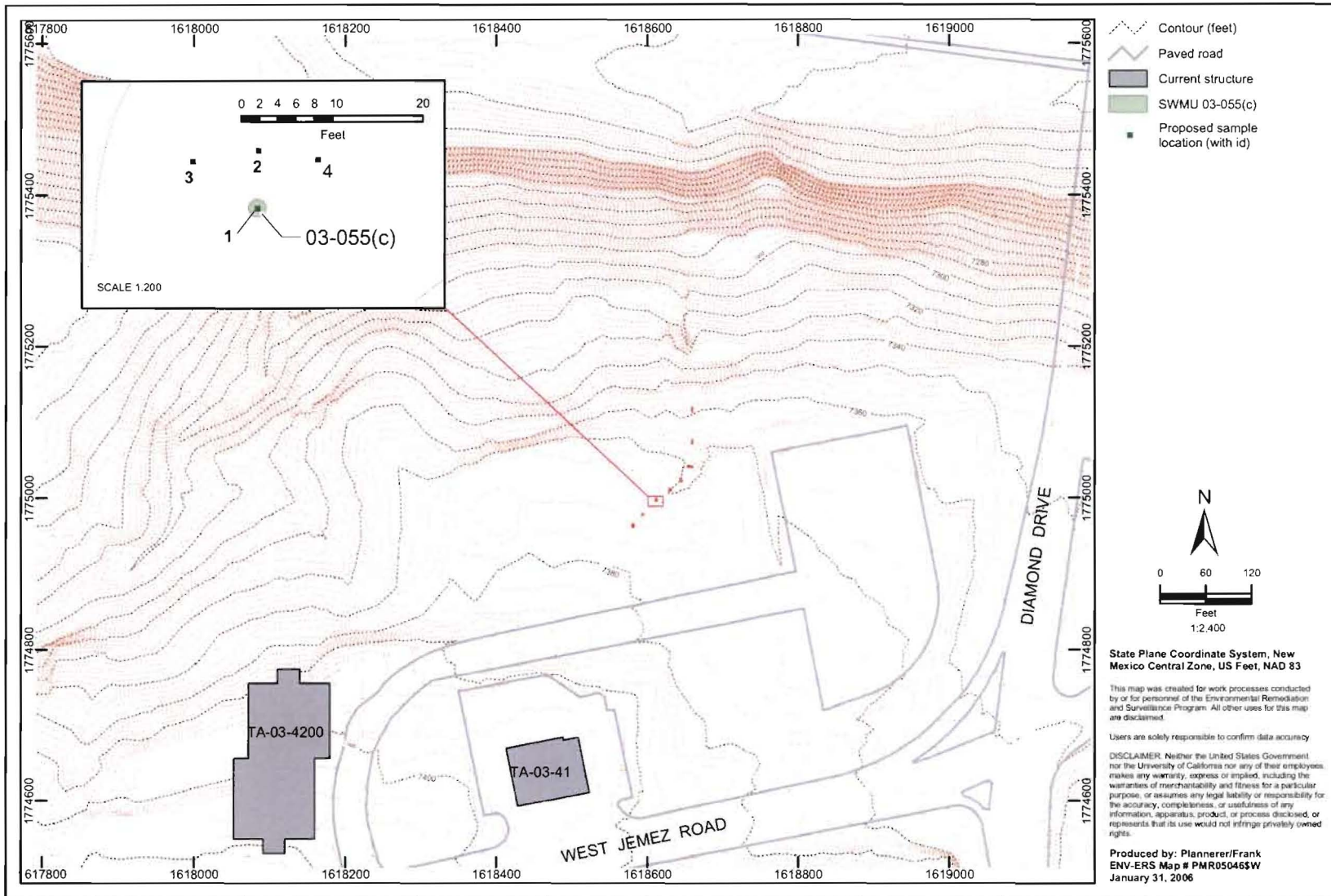


Figure 5.5-1. SWMU 03-055(c) site map and proposed sample locations