

TA-21 '06

chamberlain, kathryn, NMENV

From: Mark S. Thacker [mthacker@lanl.gov]
Sent: Wednesday, June 28, 2006 2:46 PM
To: chamberlain, kathryn, NMENV
Cc: 'Woodworth, Lance A.'; 'Roy Bohn'; 'Day, Emily'
Subject: 21-024(m)
Attachments: SWMU-21-024.pdf

Katie, as we discussed this morning I am sending this e-mail as confirmation on the sampling approach we will implement at the outfall on the southeast side of DP Mesa. PCBs were detected by NMED in a storm water sample collected at this location. NMED has tied this detection to NFAed SWMUs 21-024(m) and 21-027(b). LANL and DOE have agreed to sample this outfall location and a drainage swale on the mesa top to evaluate the source for the PCB contamination. This agreement was documented in the Response to the Notice of Disapproval for the Investigation Work Plan for the Delta Prime Site Aggregate Area, submitted to NMED on March 11, 2005, specifically general comment number 7.

A map (attached) showing 9 proposed sampling location has been sent to NMED, the locations where chosen during a site visit conducted with NMED, LANL, and DOE in September 2005. At locations 1-5 one sample from 0-6 inches will be collected. At locations 6-9, in the outfall drainage, one sample will be collected from the sediment from 0-6 inches and a second sample from 6-12 inches will be collected if sediment accumulation is adequate. Field screening for organics and radiological constituents will be utilized to screen the samples and choose one sample for full suite analyses. If field screening does not indicate any contamination one sample from location number 6 (area where PCBs were detected in storm water) will be analyzed for quick turn analyses for radiological constituents, TAL metals, SVOCs, HE, and dioxins and furans. Samples collected from all locations will be analyzed for PCBs. The results from the quick turn analyses will be discussed with NMED to determine whether the samples from the other 8 locations require analyses for radiological constituents, TAL metals, SVOCs, HE, and dioxins and furans.

A baseline change proposal is being submitted to add this scope to our funding so the work can be conducted during the upcoming field campaign for the DP Aggregate Area Investigations and Corrective Actions.

Mark

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10971

SWMU 21-024(m) PCB Sample Locations



TRIT SYSTEM ASSEM (TSTA)

EQUIPMENT BLDG

LABORATORY BLDG

TRITIUM SCI & TECH BLDG

1 2 3 4 5

SWMU-21-024(m)

03A034

03A158

Legend

- ▲ proposed sample location
- ◆ Outfall
- ▨ Buildings
- Fences
- - - Drainage
- SWMU-21-024(m)
- Road

