

100444.3

Day, Emily

From: Mark S. Thacker [mthacker@lanl.gov]
Sent: Thursday, January 24, 2008 11:31 AM
To: 'Roberts, Kathryn, NMENV'
Cc: 'Cobrain, Dave, NMENV'; Day, Emily; 'AntoinetteToya'; 'Roy Bohn'
Subject: RE: Extended Suite: 21-006(c)-99 and 21-024(n)

Thank you Katie for the quick response to the extended suite samples and the overburden soil. We took the last extended suite sample yesterday. Have a great vacation.

Mark

From: Roberts, Kathryn, NMENV [mailto:Kathryn.Roberts@state.nm.us]
Sent: Thursday, January 24, 2008 11:18 AM
To: Mark S. Thacker
Cc: Cobrain, Dave, NMENV
Subject: Extended Suite: 21-006(c)-99 and 21-024(n)

Mark,

NMED has received the extended suite analytical results for SWMUs 21-006(c)-99 and 21-024(n) and determined that no further analysis for PCBs, dioxins/furans, or high explosives is required at these SWMUs.

Please let me know if you have any questions.

Katie

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2/5/2008

SWMU 21-027(a) proposed dioxin/furan sampling:

BH-1, ponding area: two depths, 1.0 to 2.0 ft and 6.0 to 7.0 ft

BH-2, end of outfall pipe: second depth (already analyzed first depth for dioxin/furan, first extended suite sample), 2.0 to 3.0 ft

Location 4, first depth (already analyzed second depth for dioxin/furan, second extended suite sample), 1.0 to 2.0 ft

Location 10, outfall: two depths, 0.0 to 0.5 ft and 2.0 to 3.0 ft

Location 13, outfall: two depths, 0.0 to 0.5 ft and 2.0 to 3.0 ft

During the corrective action the outfall pipe was determined to be longer than shown on the drawing and "daylighted" at location 8, so location 8 was not collected but BH-2 and locations 6 and 7 were taken, along with locations 9 - 14. The outfall drainage is fairly well developed and water appears to have channeled directly down from the outfall pipe and did not migrate to the east and west where the step out samples are located. A review of the data from other SWMUs also indicate a lack of contamination at the step out sample locations. LANL believes with the two existing and five additional sample locations (8 additional samples) the nature and extend of dioxin/furan will be determined without the need to sample all locations at the SWMU for dioxin/furan. If this additional sampling does not determine the nature and extent of dioxin/furan contamination at this SWMU additional samples can be collected during the next phase of nature and extent sampling.

Mark

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