

100444.6

Day, Emily

From: Roberts, Kathryn, NMENV [Kathryn.Roberts@state.nm.us]
Sent: Thursday, January 10, 2008 8:38 AM
To: Mark S. Thacker
Cc: Cobrain, Dave, NMENV; AntoinetteToya; Day, Emily; Roy Bohn; Darryl Blain
Subject: RE: Extended Suite Sampling (21-022(h)-99, 21-023(a)-99, 21-024(d), 21-024(i))

Mark,

NMED concurs with the proposal to sample location BH-2 rather than location 19 based on the short distance from the end of the outlet line to the mesa edge. The Permittees must therefore obtain additional samples at locations BH-2 and 25 for PCB and dioxin/furan analysis.

Please let me know if you have any questions.

Katie

From: Mark S. Thacker [mailto:mthacker@lanl.gov]
Sent: Wednesday, January 09, 2008 12:41 PM
To: Roberts, Kathryn, NMENV
Cc: Cobrain, Dave, NMENV; 'AntoinetteToya'; 'Day, Emily'; 'Roy Bohn'; 'Darryl Blain'
Subject: RE: Extended Suite Sampling (21-022(h)-99, 21-023(a)-99, 21-024(d), 21-024(i))

Katie, in authorizing ARC to collect the additional samples I have been informed that a deviation from the work plan was required at this site and documented in the field.

"The distance from the end of the outlet line to the mesa edge is <10', allowing for only one 'row' of sampling at the mesa outfall. With concurrence from Emily D. we will sample at locations 16, 17, and at BH-2 location – all three locations two depths each: 0.0' – 0.5' and 2.0' - 3.0'. Locations 18, 19, and 20 will not be collected."

We can collect a sample for dioxins/furan and PCBs immediately downslope of BH-2, which should allow NMED an evaluation of the extent of the slightly elevated analytes. Please let me know if this is acceptable.

Mark

From: Roberts, Kathryn, NMENV [mailto:Kathryn.Roberts@state.nm.us]
Sent: Monday, January 07, 2008 8:42 AM
To: Mark S. Thacker
Cc: Cobrain, Dave, NMENV
Subject: Extended Suite Sampling (21-022(h)-99, 21-023(a)-99, 21-024(d), 21-024(i))

Mark,

NMED is in receipt of the extended suite sampling for SWMUs 21-022(h)-99, 21-023(a)-99, 21-024(d), 21-024(i). NMED has reviewed the data and determined that no further sampling for PCBs, dioxins/furans, and high explosives is required at SWMUs 21-022(h)-99, 21-023(a)-99, and 21-024(i).

The dioxin/furan TEQ (21.2) and the concentration of Aroclor-1254 (129 ug/kg) are below regulatory cleanup levels. However, the fact that both dioxins/furans and PCBs were found at elevated levels at this location in comparison to other SWMUs and AOCs in the area, is cause for concern.

31014



2/5/2008

The Permittees must conduct additional dioxin/furan and PCB sampling at locations 19 and 25 at SWMU 21-024 (d).

Please let me know if you have any questions.

Katie

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