

Day, Emily

From: Roberts, Kathryn, NMENV [Kathryn.Roberts@state.nm.us]
Sent: Monday, November 23, 2009 4:00 PM
To: Mark S. Thacker; Cobrain, Dave, NMENV
Cc: Bill Criswell; Day, Emily; Woodworth, Lance A.; Roy Bohn
Subject: RE: aoc_C-21-027_dioxin_furan.pdf

Mark,

NMED has reviewed the Permittees' proposed sampling locations for additional dioxin/furan sampling. NMED concurs with the following additional proposed sampling locations, with the addition of BH-2 (based on Figure 2.6-1 of the Supplemental IWP for DP Site Aggregate Area at TA-21):

- BH-2, sample for dioxin/furan in the 0 to 0.5 ft interval
- BH-3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 1, sample for dioxin/furan in the 0 to 0.5 ft interval
- BH-4, sample for dioxin/furan in the 5 to 6 ft interval
- Location 3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 4, sample for dioxin/furan in the 0 to 0.5 ft interval

NMED reminds the Permittees that based on the reported dioxin/furan sampling results additional sampling may be required in the future.

Please let me know if you any questions.

Thanks,
Katie

From: Mark S. Thacker [mailto:mthacker@lanl.gov]
Sent: Monday, November 23, 2009 1:40 PM
To: Roberts, Kathryn, NMENV; Cobrain, Dave, NMENV
Cc: 'Bill Criswell'; 'Day, Emily'; 'Woodworth, Lance A.'; 'Roy Bohn'
Subject: RE: aoc_C-21-027_dioxin_furan.pdf

Katie, the site history of the cooling tower is not consistent with the detection of dioxin/furan. A review of the existing dioxin/furan data from 21-027(a) and 21-006(c)-99, in the area of C-21-027 (attached map) show that the dioxin/furan detected at these sites have decreasing concentrations to the south, so that extent is defined. LANL would like to propose the following locations (from Figure 2.6-1 (pg. 25) and Table 2.6-1 (pg. 35), ER2006-0203) for additional dioxin/furan sampling, our rationale is included:

- BH-1, no dioxin/furan sampling, locations 21-601225 and 21-601229 are within approximately 15 feet of this location
- BH-2, no dioxin/furan sampling, location 21-601225 is within approximately 25 feet of this location
- BH-3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 1, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 2, no dioxin/furan sampling, location 21-605340 in within approximately 10 feet of this location
- BH-4, sample for dioxin/furan in the 5 to 6 ft interval
- Location 3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 4, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 5, no dioxin/furan sampling, locations 21-600392 and 21-600867 are within approximately 20 feet of this location

Thank you for your consideration; we will conduct the NMED directed additional sampling within the next two weeks.



Mark

From: Roberts, Kathryn, NMENV [mailto:Kathryn.Roberts@state.nm.us]
Sent: Monday, November 23, 2009 9:34 AM
To: Mark S. Thacker; Cobrain, Dave, NMENV
Cc: Bill Criswell; Day, Emily; Woodworth, Lance A.
Subject: RE: aoc_C-21-027_dioxin_furan.pdf

Mark,
NMED has received the high explosives and dioxin/furan sampling results for AOC C-21-027. NMED has reviewed this data and will require dioxin/furan sampling at all locations at AOC C-21-027. Further sampling of high explosives is not required.

Please let me know if you have any questions.

Katie

From: Mark S. Thacker [mailto:mthacker@lanl.gov]
Sent: Tuesday, November 17, 2009 10:50 AM
To: Roberts, Kathryn, NMENV
Cc: 'Bill Criswell'; 'Day, Emily'; 'Woodworth, Lance A.'
Subject: FW: aoc_C-21-027_dioxin_furan.pdf

Katie, as we just discussed, attached are the results from the extended suite sample from the Supplemental Investigation Work Plan Site C-21-027, the sample was chosen based on the highest field screening result, which was just above background. We decided to collect the samples because the site is no longer active and can be included in the Phase II IR. We have also compiled a map showing the spatial distribution of dioxin/furan data in the area. Let me know if you have any questions.

Mark

From: Frank, David [mailto:David.Frank@WestonSolutions.com]
Sent: Wednesday, November 11, 2009 3:17 PM
To: Mark S. Thacker
Cc: Day, Emily
Subject: aoc_C-21-027_dioxin_furan.pdf

Mark - Here is the dioxin/furan figure you need. - Dave

Dave Frank

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