

Roberts, Kathryn, NMENV

From: Roberts, Kathryn, NMENV
Sent: Friday, September 21, 2007 7:34 AM
To: 'Steven Paris'; 'Dave McInroy'; 'Gordon L. Dover'
Cc: Neelam; Cobrain, Dave, NMENV
Subject: Middle Los Alamos Canyon Preliminary Results

Steve,

NMED received the preliminary results for five pilot boreholes on September 13, 2007 and one pilot borehole on September 20, 2007. NMED has the following comments regarding optional analyses for PCBs, VOCs, and SVOCs at boreholes associated with the six pilot boreholes.

- 1) **AOC 02-003(d)**: NMED does not concur with the Permittees recommendation. Based on the map provided by the Permittees on September 14, 2007, there are a total of 11 boreholes associated with pilot borehole location 02-600219 (BH3d-4) (Five of which have already been drilled). Based on the preliminary results, NMED will require VOC and SVOC analyses in the boreholes associated with location 02-600219. NMED may modify this requirement based on review of the analytical results from the five associated boreholes already completed (02-600223, 02-600226, 02-600225, 02-600227, and 02-600222). Additionally, NMED does not require PCB sampling in the boreholes associated with pilot borehole 02-600219..
- 2) **SWMU 02-004(a)** - OWR: Fuel Area, WBR Area, and OWR Area: NMED concurs with the recommendation that PCBs will be sampled and VOCs and SVOCs will not be sampled at the boreholes (02-600380, 02-600378, 02-600383, 02-600384, 02-600382, and 02-600379) associated with pilot borehole location 02-600381 (BH4a-13). However, NMED would like to clarify that boreholes BH4a-1 through BH4a-9 are not considered to be associated with pilot location 02-600381 and therefore must be sampled for PCBs, VOCs, and SVOCs.
- 3) **SWMU 02-005**: NMED does not concur with the Permittees recommendation. There are 15 boreholes (BH5-2 through BH5-16) associated with pilot borehole location 02-600547 (BH5-1) that are distributed on a 200-foot grid due to the potential blowdown area of the cooling tower. NMED requires that the following associated boreholes be sampled for VOCs and SVOCs; BH5-3, BH5-4, BH5-6, BH5-7, BH5-8, BH5-10, BH5-12, and BH5-14.
- 4) **SWMU 02-008(a)**: NMED concurs with the Permittees recommendation. Associated boreholes will be sampled for SVOCs, VOCs, and PCBs.
- 5) **SWMU 02-009(a)**: NMED concurs with the recommendation that PCBs and SVOCs will not be sampled in the boreholes (02-600278, 02-600279, 02-600280, and 02-600281) associated with pilot borehole location 02-600277 (BH9a-19). However, based on the preliminary results, VOC sampling will be required in the associated boreholes.
- 6) **SWMU 02-004(a)** - Gaseous Effluent Vent Line (From TA-02-001 to Line 119): NMED concurs with the recommendation that SVOCs be sampled at the boreholes (02-600580, 02-600581, 02-600582, 02-600584) associated with pilot borehole location 02-600583 (BH4a-36). Additionally, the Permittees must sample associated borehole locations 02-600581 and 02-600584 for VOCs.

Please let me know if you have any questions or concerns.

Katie

Kathryn Roberts
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505
Phone: 505-476-6041

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