

TA-73 '06 73-002

chamberlain, kathryn, NMENV

From: chamberlain, kathryn, NMENV
Sent: Tuesday, November 14, 2006 11:41 AM
To: (jmccann@lanl.gov); Gregory
Cc: Goering, Darlene, NMENV; Young, John, NMENV
Subject: Ashpile confirmatory samples - Analytical Suite

John and David,

Based on the discussions from our meeting yesterday (11/13/06), NMED proposes the following analytical suite for ashpile confirmatory samples:

- 1) **HE** - NMED concurs. Only samples from grids where ordnance was discovered will be analyzed for HE.
- 2) **Total Cyanide** - No historical samples were analyzed for total cyanide; therefore NMED proposes that a subset of samples be obtained. 20% of the samples must be analyzed for total cyanide based on XRF or areas of highest contamination.
- 3) **Pesticides** - Due to the detections in the drainages near the mesa top, NMED will require pesticide analysis for all confirmatory samples.
- 4) **VOCs** - NMED concurs. No additional analysis for VOCs is required.
- 5) **PCBs** - NMED will require PCB analysis for all confirmatory samples.
- 6) **Nitrates** - NMED concurs. No additional analysis for Nitrates is required.
- 7) **Perchlorate** - NMED will require perchlorate analysis for all confirmatory samples.
- 8) **Gamma Spectroscopy** - NMED concurs. No additional gamma spectroscopy analysis is required.

As stated in the meeting, the Permittees will include isotopic plutonium, isotopic uranium, TAL metals, SVOCs, and dioxins/furans in addition to the analytes discussed above.

Please let me know if you have any questions.

Thanks,
Katie

Kathryn Chamberlain
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505
phone: 505-428-2546 (until 12/7/06)
New Phone: 505-476-6046
fax: 505-428-2567
email: kathryn.chamberlain@state.nm.us



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