

**chamberlain, kathryn**

**From:** chamberlain, kathryn  
**To:** Kent  
**Cc:** Young, John, NMENV; Cobrain, Dave, NMENV  
**Subject:** RE: MDA C Borehole Sampling Table  
**Attachments:**

**Sent:** Wed 8/24/2005 8:45 AM

Kent,

NMED has the following comments regarding the sampling for dioxins, furans, and explosive compounds:

It is acceptable for the Permittees to field-screen for HE. The Permittees must use the D-Tech method for field-screening of HE, comparable to investigations at TA-16 . If HE is not detected from field-screening, no additional core samples will be submitted for explosive compounds at a depth greater than 60 ft. However, the samples obtained for dioxin/furan analysis (described below) must also be analyzed for explosive compounds. If HE is detected, additional HE field-screening must be conducted and additional samples must be submitted for laboratory analysis of explosive compounds.

The Permittees must obtain samples for dioxin and furan analysis adjacent to the disposal unit, and 2 samples below the base of the disposal unit. This sampling reflects the depths that would most likely contain dioxins/furans because these contaminants will most likely migrate vertically not laterally. The Permittees must target intervals of higher permeability such as surge beds and fractures. If zones of higher permeability are not encountered, samples must be obtained at 10 ft. intervals from the base of the disposal unit to a depth of no greater than 60 ft.

Finally, the sample obtained from the bottom of the borehole must be submitted for full-suite analysis as defined in the April 6, 2005 Approval with Modifications.

Please feel free to contact me if you have any additional questions or concerns.

Katie

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