

TA-21 21-024(c)

**chamberlain, kathryn, NMENV**

**From:** Mark S. Thacker [mthacker@lanl.gov]  
**Sent:** Wednesday, August 16, 2006 8:13 AM  
**To:** chamberlain, kathryn, NMENV  
**Cc:** 'Woodworth, Lance A.'; 'Roy Bohn'; 'Day, Emily'  
**Subject:** 21-024(c)  
**Attachments:** 21-024 (c) Dioxin Furan Sample.doc

Katie, here is the write up for 21-024(c) dioxin/furan sample. I am faxing the data, map, and daily report. I will call you this afternoon to discuss.

Mark

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10980

8/16/2006

**Dioxin/ Furan for Sample RE21-06-6843**

Date Collected: July 25<sup>th</sup>

Type: Soil

Site: SWMU 21-024(c)

Location #4, 8 feet downstream from end of outlet line

Depth: 0-0.5 feet bgs

PID reading = 0.7 ppm

Rad screening

Alpha 32.9 dpm

Beta 3730 dpm

**LANL does not believe this data indicates a release for the following reasons:**

With the exception of one detection just above 1 ppb congeners were detected at parts per trillion levels.

This sample is from an outfall from a septic system. Greater concentrations are expected to be detected if a release occurred.