

Los Alamos National Laboratory  
Environmental Programs Technical Area 21

Operated by the Los Alamos National Security, LLC, for DOE/NNSA

TA-21 21-003-99

### FAX TRANSMITTAL

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#Pages Incl. Cover 8 2

Message: Addition sample result  
not in last transmittal

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**Dioxin/ Furan for Sample RE21-06-72611**

Date Collected: July 20<sup>th</sup>

Type: Soil

Site: SWMU 21-003-99, location #22

Depth: 3-3.5 feet bgs

PID reading = 23.4

Rad screening = background

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

Only Hepta and Octa congeners were detected at parts per trillion levels.

These congeners are detected in concentrations seen at other sites (TA-19, MDA-L, Pueblo Canyon) where releases are not suspected.

More congeners are expected to be detected if a release occurred.

EPA draft document "Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds" presents data that these congeners are present in rural and urban background soil studies.