

**From:** Elizabeth Ullrich  
**To:** David.collins@apg.amedd.army.mil  
**Date:** Wed, Jul 10, 2002 10:41 AM  
**Subject:** another question re: June 19 letter, Control 130458  
**Place:** LAT

David,

Another question: On the Warehouse 6 data/results table, you show the MDC as 20.8 dpm/cm<sup>2</sup>. I get this only if I use the background count time of 10 minutes; however, according to your table, the 30 background samples were counted for 5 minutes. The background average count of 51.3 dpm/100 cm<sup>2</sup> agrees with a 5 minute count.

If I use the full equation that accounts for background count time (5 minutes) and sample count time (10 minutes) being different, I get an MDC of 35 dpm. Please clarify what was done here, because the sensitivity of the survey needs to be correctly evaluated.

Also, this confirms our earlier conversation, that you will provide me with a copy of the results of the WRS test for the survey data in the June 19 letter.

Betsy

**CC:** LAT ; Michael Pecullan