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MCB CAMP LEJUENE  
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EMAIL REGARDING RESPONSE TO SENATOR ELIZABETH DOLES EXPOSURE DOSE  
RECONSTRUCTION ACTIVITIES QUESTIONS MCB CAMP LEJEUNE NC  
2/26/2004  
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

**Maslia, Morris**

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**From:** Maslia, Morris  
**Sent:** Thursday, February 26, 2004 10:53 AM  
**To:** Kaye, Wendy  
**Cc:** Williams-Fleetwood, Sharon O.; Broehm, Jason E.  
**Subject:** Answer to Senator Dole's Questions 1, 4, 5

Wendy:

Sharon has asked me to address Senator Dole's questions #1, #4, and #5, w.r.t. exposure-dose reconstruction activities.

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*Q1. At any time, did the Marine Corps provide incorrect water data [operational distribution system, wells, etc.]?*

A1. In some instances, the information provided by the Marine Corps has been void of needed data and unusable by ATSDR because of missing or lacking data. For example, the geographical information system (GIS) databases for Camp Lejeune, provided by the Marine Corps for the water-distribution system, contained no characteristics on pipe diameters, lengths, no land surface elevation, etc. This type of data, requested by ATSDR, in a letter dated July 11, 2003, is necessary and required for modeling of the water-distribution system. Much of the GIS data provided to ATSDR contained "blanks" or zeros for the attributes.

*Q4. There have been concerns raised that allege the Marine Corps has not responded to some of the requests for information to ATSDR. Has the Marine Corps responded satisfactorily to all of the requests for information to ATSDR?*

A4. No. Several examples are listed below:

In an Email dated August 22, 2003, ATSDR staff asked Camp Lejeune if the Marine Corps had conducted a "Conservation Study" for Camp Lejeune. In a response by Email dated August 25, 2003, from Camp Lejeune, it was stated that MCB Camp Lejeune has not performed such a study of this nature. On February 9, 2004, ATSDR received a report from HQMC. The title of the report, "Marine Corps Base Camp Lejeune and Marine Corps Air Station, New River Water Conservation Analysis." The date of the report is December 1999.

In an email data request dated November 20, 2003, ATSDR requested from Camp Lejeune, daily flow/production data from 1999-2003. In an email response dated November 20, 2003, Camp Lejeune stated that the data were available from 1999-2003 at Camp Lejeune. To date, ATSDR has never received the data.

In a letter dated July 11, 2003, ATSDR requested (among other data), water treatment plant pump installation dates and head-discharge curves. To date, ATSDR has never received the data.

*Q5. What is the status of the current study by ATSDR? There have been allegations that the ATSDR Historical Water Reconstruction Study is being held up because the Marine Corps is not providing water pumping records to ATSDR.*

A5. The "Water Study" ATSDR is conducting consists of 2 parts. The analysis of the fate and transport of contaminants in the groundwater system and the distribution of water and contaminants in the water-distribution system. Both the groundwater and water-distribution system analyses require land surface and hydraulic facility elevation data, unavailable to ATSDR from Camp Lejeune. ATSDR is procuring these data from other sources.

ATSDR is finalizing the water-distribution system presently serving (1999) MCB Camp Lejeune. This is a necessary step prior to conducting field tests to begin historical reconstruction analyses. Because of a lack of appropriate data on the present-day (1999) water-distribution system from Camp Lejeune sources, ATSDR has gone out on its own to develop databases pertaining to the present day system. Once this is complete, ATSDR will be in a position to develop a work plan to conduct a series of 3 field tests in order to understand how water

and potential contaminants flow through the present-day water-distribution system. ATSDR provided representatives of the Marine Corps with a detailed work plan and time schedule for the study on October 8, 2003, in a meeting at ATSDR in Atlanta, GA. ATSDR would like to conduct field tests this spring, summer, and fall, depending on receiving additional information from the Marine Corps that ATSDR has requested. Completion of the field tests by this fall, would be in keeping with the ATSDR work schedule discussed at the October 8, 2003, meeting.

ATSDR has requested present-day pumping and daily production data from Camp Lejeune, necessary for the successful construction and operation of the water-distribution model and conducting the field tests. To date, ATSDR has not received these data.

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Wendy, feel free to call with any additional questions or clarifications

Morris

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