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MCB CAMP LEJUENE  
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LETTER TO THE U S MARINE CORPS REGARDING COMPLETION OF THE CURRENT  
HEALTH STUDY MCB CAMP LEJEUNE NC  
12/9/2005  
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY



DEC 09 2005

Lieutenant General Richard S. Kramlich  
Deputy Commandant of Installations and Logistics  
Department of the Navy  
Headquarters, United States Marine Corps (Code LFL)  
2 Navy Annex  
Washington, D.C. 20380-1775

Dear Lt. General Kramlich:

The Agency for Toxic Substances and Disease Registry (ATSDR) is conducting an epidemiologic case-control study of the children whose mothers were pregnant while living on base at Camp Lejeune from 1968-1985. ATSDR staff briefed Lt. General Kelly and other headquarters Marine staff on the status of the current study, including the water modeling component, in August 2005. The purpose of this letter is to seek your assistance in resolving outstanding issues that may delay ATSDR's ability to complete the current health study on time. The issues are as follows:

- ATSDR has experienced delays in obtaining requested information and data pertaining to historical water-quality sampling data and site remedial investigation reports. Attached for your information is a detailed list of these data, previously provided (during February – August 2005) to U.S. Marine Corps (USMC) Headquarters and Camp Lejeune staff, which outlines the needs of ATSDR to complete its water modeling activities;
- ATSDR staff has recently been made aware of the existence of a substantial number of additional documents, previously unknown and not provided to ATSDR staff. These documents are designated as “CLW” documents by the Camp Lejeune Environmental Management Division [EMD] and include summary data files and “document searching software” that could relate to and potentially impact our water modeling activities and analyses;
- The existence of a compilation of historical maps of water system changes at Camp Lejeune from 1941–2000. ATSDR needs to obtain these maps and all supporting spatial and temporal data files to assess the accuracy of ATSDR's understanding of historical changes in water-system configurations at Camp Lejeune; and
- ATSDR's need to have cooperation from and coordination with the USMC contractor currently engaged in a base-wide records discovery program. The contractor should be made

aware of the types of records the agency is seeking and of ATSDR's water modeling and study completion time lines. We also request the timely sharing of these documents by your contractor to ATSDR.

ATSDR staff is attempting to meet the project completion timelines discussed with Marine Corps staff in August. To do so, we must be provided all documents that relate to base-wide water issues immediately. The Marine Corps is responsible for the identification and timely sharing of all relevant documents relating to the base-wide drinking water system. This includes documents that ATSDR may not be aware of as well as documents that are in the possession of DOD but may no longer be located at the Camp Lejuene base. Discovery of this documentation must not rely on specific requests from our staff, but on our shared goal of ensuring the scientific accuracy of our study and DOD's responsibility to provide the information. ATSDR staff can coordinate with USMC staff to determine the appropriateness of any document as it relates to our study. We request that your staff verify and confirm the existence of the documents listed in the attachment. We also request that your staff identify for us any other documents that may be useful to ATSDR for its water modeling analyses and make them available to ATSDR by December 31, 2005. In addition, we request that ATSDR be provided with any information or data that may be discovered at a future date that may have a bearing on our water modeling activities (e.g., information on water system interconnections and the actual production dates for supply of water from the Holcomb Boulevard water treatment plant).

A thorough review and assessment of such a large volume of documents at this late date and the incorporation of related information into nearly complete model investigations and analyses may require additional funding to review these documents and modify our model analyses if necessary. Completion of this assessment and required modifications to our model analyses may extend the timeline for the current health study by an additional 6 - 12 months.

If you or your staff have questions or would like to further discuss this matter, please contact Dr. Frank Bove, Senior Epidemiologist, Surveillance and Registries Branch, Division of Health Studies, ATSDR at (404) 498-0557.

Thank you again for your cooperation and continued interest in the work of ATSDR.

Sincerely,



Howard Frumkin, M.D., Dr.P.H.  
Director, National Center for Environmental  
Health/Agency for Toxic Substances and  
Disease Registry

Lieutenant General Richard S. Kramlich  
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Attachment:  
ATSDR information and data needs

cc:  
Director, DHAC/ATSDR  
Director, DHS/ATSDR  
Washington Office, ATSDR  
OGC/CDC  
Mike White, DOD  
Frank Bove, DHS/ATSDR  
Morris Maslia, DHAC/ATSDR

**Information and Data Needed by ATSDR to Complete Water Modeling Activities in Support of the Current Epidemiologic Case-Control Study**

1. Camp Lejeune Water Documents: All documents designated as "CLW" by Camp Lejeune and any software developed by or for Camp Lejeune EMD to assist with searching or locating "CLW" documents by key words, topics, dates, etc.
2. Camp Lejeune EMD Summary Files: All files developed by or for Camp Lejeune EMD whose purpose is to aggregate and summarize data that may relate to ATSDR water modeling analyses. These may be such files as MS Excel or MS ACCESS files describing water-supply well information, water-quality sample data, etc.
3. Historical Water System Maps: All maps, map files, spatial data layers, and associated attribute information relating historical changes in Camp Lejeune water systems for years 1941-2000.
4. JTC Environmental Consultants, Inc., Reports: Laboratory reports from sampling conducted by Camp Lejeune and analyses performed by contract laboratory, JTC Environmental Consultants. These reports were submitted to U.S. Environmental Protection Agency, Region IV, by letter dated 25 April 1986. (Request for these data have been made previously on several occasion to Camp Lejeune and headquarters EMD staff)

<u>JTC Report No.</u>	<u>Date of Report</u>
67	5/2/1985
99	7/19/1985
130	9/12/1985
131	9/18/1985
153	10/3/1985
157	10/11/1985
161	10/17/1985
166	10/25/1985
175	11/7/1985
181	11/14/1985
183	11/27/1985
187	11/27/1985
192	12/9/1985
199	12/18/1985
201	12/31/1985
208	1/2/1986
209	1/2/1986
214	1/21/1986
218	1/27/1986
221	1/30/1986
226	2/20/1986

JTC Environmental Consultants, Inc., Reports--continued

<u>JTC Report No.</u>	<u>Date of Report</u>
229	2/25/1986
231	2/26/1986
237	2/28/1986
243	3/12/1986
253	3/27/1986
261	3/27/1986
265	4/14/1986

5. Site Information and Data: Miscellaneous information and data related to historical remedial investigation/feasibility studies (RI/FS) conducted at various sites (operational units) located at Camp Lejeune. (Request for these data have been made previously on several occasion to Camp Lejeune and headquarters EMD staff)

<u>Operational Unit Number</u>	<u>Site Number Recent</u>	<u>1983</u>	<u>Site Name</u>
1	21	21	Transformer storage lot #140
1	24	24	Industrial area fly ash dump
1	78	--	Hadnot Point industrial area
2	6	6	Storage lots 201 and 203
2	9	9	Fire fighting training pit
2	82	--	VOC disposal area at Piney Green Rd.
5	2	2	Former nursery/day-care center
7	1	1	French Creek liquid disposal area
7	28	28	Hadnot Point burn dump
8	16	16	Montford Point burn dump
11	7	7	Tarawa Terrace dump
11	80	--	Paradise Point-golf maintenance area
12	3	3	Old creosote site
15	88	--	Bldg. #25
Pre-RI site	84	--	Bldg. 45 area
Pre-RI site	85	--	Camp Johnson battery dump
Pre-RI site	4	--	Sawmill Road dump
Pre-RI site	5	--	Piney Green Road

Site Information and Data--continued

<u>Operational Unit Number</u>	<u>Site Number</u>		<u>Site Name</u>
	<u>Recent</u>	<u>1983</u>	
Pre-RI site	8	--	Flammable storage warehouse-TP#451
Pre-RI site	8	--	Flammable storage warehouse-TP#452
Pre-RI site	10	--	Original base dump
Pre-RI site	11	--	Pest control shop
Pre-RI site	12	--	Golf course construction dump site
Pre-RI site	15	--	Montford Point dump
Pre-RI site	18	--	Watkins Village site
Pre-RI site	19	--	Naval Research lab dump
Pre-RI site	20	--	Naval Research lab incinerator
Pre-RI site	22	--	Industrial area tank farm
Pre-RI site	23	--	Roads and grounds, Bldg. 1105
Pre-RI site	25	--	Base incinerator
Pre-RI site	26	--	Coal storage area
Pre-RI site	27	--	Naval Hospital area
Pre-RI site	29	--	Base sanitary landfill
Pre-RI site	32	--	French Creek

6. Contract Information: Information and data related to various contracts. (Request for these data have been made previously on several occasion to Camp Lejeune and headquarters EMD staff)

<u>Contract Number</u>	<u>Remarks</u>
N62470-87-C-9266	Well at holding pond Sprinkler system for golf course
N62470-93-C-5318	Well numbers 1, 3, 4, 5, 6, and 8 S. H. Barner, Inc.