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UNITED STATES MARINE CORPS  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:

6286

BEMD

FEB JAN 16 1990

From: Base Commander, Marine Corps Base, Camp Lejeune  
To: Commander, Atlantic Division, Naval Facilities Engineering  
Command, Norfolk, VA 23511

Subj: DRAFT INTERIM REMEDIAL INVESTIGATION REPORT, MARINE CORPS  
BASE, CAMP LEJEUNE, JANUARY 1990

Ref: (a) Contract No. N62470-83-B-6101

1. The subject report prepared under the reference was received by this Command on 1 February 1990. The following comments are provided:

a. Figure 1 (page 1-3) the site location map is very difficult to read. It would be helpful to the general public to see the different vicinities listed on page 1-2 on the site location map.

b. The report mentions Helicopter Outlying Landing Field Oak Grove, and Outlying Landing Field Camp Davis. Are these locations part of the Camp Lejeune/MCAS study? If not, it should be stated why they are not. (page 1-2 to 1-4) It is already known that Camp Davis has hazardous waste problems.

c. Again, Oak Grove is mentioned on page 1-5 - Does this area have any contamination?

d. Page 1-5, 4th paragraph - should name the additional site in this paragraph.

e. It is very difficult to understand what Figure 2 and 3 are depicting. The figures need more explanation for the general public to understand the intent.

f. Pages 2-4, 4th paragraph - "Aquifers below this depth have been affected by saltwater intrusions", what information do we have to support this statement?

g. Land use should reflect land use on the base as well as off the base.

h. Page 3-6, last paragraph - the report states that all six monitoring wells contained metals. These wells include one upgradient well. What is this data saying? If the upgradient well is as contaminated as the five downgradient wells, do we really know the source of contamination at Site 1 French Creek Liquids Disposal Area?

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i. Page 3-21, last paragraph - this paragraph needs further explanation and possible cause of why the data appears to be conflicting.

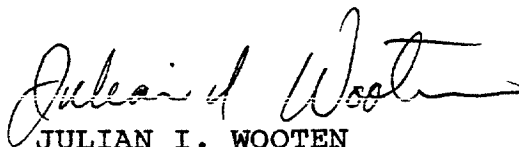
j. Throughout the report, tables present data from various sampling efforts. It would be helpful if ESE would denote on these tables data that exceeds the MCL, whether it be proposed or promulgated. Also, it would have been helpful to see the data reported in ppb (mg/L).

k. Page 3-54, 3rd paragraph - this paragraph needs further explanation. The paragraph states that "compounds detected during the various sampling efforts have been consistent, and in most cases are orders of magnitude greater than established groundwater standards." This statement warrants further technical discussion of the sampling data.

l. Page 3-166, 1st paragraph - Please further explain the last sentence, " this presents a high risk for direct contact exposure to the contaminants."

2. Overall, ESE Hunter prepared a very thorough report. They should be commended for their effort in combining all past data into one easy to read report. The comments mentioned above are minor, however, they should be considered and addressed before preparation of the final report.

3. Our point of contact for the Installation Restoration Program is Stephany Del Re', who may be reached at AUTOVON 484-2471 or commercial (919) 451-2471, for further information.



JULIAN I. WOOTEN

By direction

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