Doc. No.: CLEJ-00312-2.06-02/09/84

FAC/REA/nhh
6280/4
9 FEB 1984

From: Commanding General
To: Commanding Officer, Field Medical Service School

Subj: Request for Inspection and Testing of Water/Water Supplies for HMSS Buildings

Ref: (a) CO, FMSS ltr 5:MDI:dld 11000 of 12 Jan 1984
(b) Safe Drinking Water Act

Encl: (1) Laboratory Record of Chemical Analyses, 27 Jan 1984

1. The purpose of this letter is to acknowledge the ongoing problem identified in reference (a) regarding the appearance and taste of the water supply for the Camp Johnson, Montford Point area. Weekly bacteriological analyses and the 27 January 1984 chemical analyses at the enclosure indicate the water is safe to drink but exceeds the desired levels of hardness and iron. These minerals are present in the ground water source and cannot be removed by the existing treatment facility.

2. Construction should begin in January 1985 on a FY-85 project to provide Camp Johnson with a new water service from the Holcomb Boulevard plant. The Camp Johnson and Tarawa Terrace water plants will thus be abandoned. Completion of the project should occur sometime around December 1985.

3. We recognize that the above project is not an immediate cure to the problem and will work with FMSS on any interim measures which will alleviate it. Your concerns and patience to date are appreciated. For further assistance, contact Mr. Bob Alexander, extension 3034.

M. G. LILLEY
By direction

Copy to:
CO, NAVHOSP (Chief, OPMS)

Blind copy to:
BMO
NRREAD
EnvEng

CHEMICAL [illegible]LYSIS — WATER TREATMENT PLANTS (Camp Johnson
MCBCL 11330/[illegible] [illegible]V. 3-82)

DATE COLLEC[illegible] 27 JA[illegible] [illegible]984

PARAMETER	M-136 Sewage PL	M-105 FldMedSch HQ	M-318 Barracks	M-178 Water PL	M-104 FldMedSch HQ	M-311 Barracks	M-625 Steam PL	M-231 O Club	Limits
PH	7.3	7.3	7.4	7.4	7.5	7.3	7.6	7.3	6.0 - 9.0
PENOLTHALEIN ALKALINITY	0	0	0	0	0	0	0	0	
METHYL ORANGE ALKALINITY	160	188	190	192	190	198	194	194	
CARBONATES AS $CaCO_3$	0	0	0	0	0	0	0	0	
BICARBONATES AS $CaCO_3$	160	188	190	192	190	198	194	194	
CHLORIDES AS C1	50	50	50	44	48	50	50	60	250
HARDNESS AS $CaCO_3$	108	108	114	104	118	118	112	140	IDEAL 50-80
IRON AS Fe	0.75	0.62	0.51	0.58	0.86	0.57	0.86	0.38	0.30
FLUORIDE									
CHLORINE RESIDUAL									
TURBIDITY									
TOTAL PHOSPHATE									
ORTHO PHOSPHATE									
META PHOSPHATE									
STABILITY									

REMARKS

	M-136	M-105	M-318	M-178	M-104	M-311	M-625	M-231
Coliform (MF)	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø
(MPN)	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø

NOTE. All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY: Huneycutt, Burns, Lachapelle

DATE OF ANALYSIS: 27 JAN 84

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