

In reply OFFICE OF THE POST MEDICAL INSPECTOR  
refer to: STATION HOSPITAL GCR/ml

721.5 Fort Huachuca, Arizona,  
2 September, 1943.

SUBJECT: Monthly Sanitary Report.

TO : The Commanding Officer, Fort Huachuca, Arizona.  
Thru: The Director, Medical Division.

1. In compliance with Par. 1c, AR 40-275, as amended by Section III, War Department Circular No. 114, dated June 13, 1941 and letter, The Surgeon General, file 721.5 subject as above, and War Department Circular Letter No. 76, file SPMCA, dated July 27, 1942, the following report on sanitary conditions of the command for the month of August, 1943, is submitted:

a. ENVIRONMENTAL SANITATION

(1) Water supply

(a) Adequacy of Supply - Water supply was adequate during the month approximately 802,329 gals. per day was obtained from springs and the remainder from wells.

(b) Consumption data (Potable Water)

Average daily consumption - 2.6 MGD  
Minimum daily consumption - 1.6 "  
Maximum daily consumption - 3.5 "  
Average per capita per day -122 Gals

(c) Bacteriology

(1) Raw water before chlorination

Source of sample	Potable	Non-Pot	Ques.
Springs	0	4	0
Wells	9	0	1
Total raw water	9	4	1

(2) Chlorinated water from Distribution System

Source of Sample	Potable	Non-Pot	Ques
Cantonment	25	0	1
Old Post	2	0	1
Civilian Housing	3	0	1
Total chlorinated	30	0	3

PPM chlorine residual: Max 0.8, Min 0.2, Aver 0.41

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(2) Sewage Treatment

(a) General. All sewage treated during month.

(b) <u>Flows treated</u>	<u>Plant No. 1</u>	<u>Plant No. 2</u>
Maximum rate	1.20 M.G.D.	1.24 M.G.D.
Minimum rate	0.16 M.G.D.	0.26 M.G.D.
Average rate	0.50 M.G.D.	0.70 M.G.D.

(c) Efficiency treatment (Monthly averages)

	<u>Plant No. 1</u>		<u>Plant No. 2</u>	
	Susp. Solids	B.O.D.	Susp Solids	B.O.D.
Raw Sewage	190 ppm	210 ppm	196 ppm	190 ppm
Primary Eff	64	113	60	72
Reduction	66%	46%	69%	62%

(3) Milk:

Milk produced at the Post Dairy was satisfactory. Due to breakdown in transportation facilities of the commercial dairy which supplements this supply, Army trucks had to be frequently used. The quality of this milk was below standard.

(4) Garbage:

Disposal of garbage by burying in pits is satisfactory.

(5) Insect and Rodent Control:

Pyrethrum flowers and powdered borax have been used for roach control.

(6) Food Supplies:

See Supplementary Report No. 1

(7) Other Phases of Environmental Sanitation:

Adequate chlorinating equipment has been supplied for both swimming pools.

b. PERSONAL HYGIENE:

See Venereal Disease Supplementary Report No. 2.

c. ACUTE COMMUNICABLE DISEASE:

The incidence of all communicable diseases is low. (See Supplementary Report No. 3).

d. MONTHLY VETERINARY SANITARY REPORT:

See Supplementary Report No. 4.

e. ADMINISTRATIVE MEASURES AND DEVICES:

None

f. RECOMMENDATIONS:

None.

For the POST MEDICAL INSPECTOR:

*Gordon C. Ring*  
GORDON C. RING,  
Captain, Sn. C.

Incls: MD Form 95-68

Supplementary Reports  
1, 2, 3, and 4.