

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

721.5

Fort Huachuca, Arizona,
3 August, 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 June, 1943, is submitted:

a. ENVIRONMENTAL SANITATION

(1) Water supply

(a) Adequacy of Supply - Water supply was adequate during the month. Approximately 100,000 gallons 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 - 1.9 "
Maximum daily consumption - 3.4 "
Average per capital per day 114 Gals.

(c) Bacteriology

(1) Raw Water before chlorination

Source of sample	Potable	Non-Pot	Ques.
Springs	0	6	0
Wells	12	0	1
Total raw water	12	6	1

(2) Chlorinated water from Distribution System

Source of Sample	Potable	Non-Pot
Cantonment	32	0
Old Post	11	0
Civilian Housing	5	0
Total chlorinated	48	0

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

(2) Sewage Treatment

(a) General. All sewage was treated during the month.

(b) <u>Flows treated</u>	<u>Plant No. 1</u>	<u>Plant No. 2</u>
Maximum rate	0.71 MGD	1.87 MGD
Minimum rate	0.06 "	0.46 "
Average per month	0.33 "	1.12 "

(c) Efficiency of treatment (Monthly Averages)

	<u>Plant No. 1</u>		<u>Plant No. 2</u>	
	<u>Susp. Solids</u>	<u>B.O.D.</u>	<u>Susp Solids</u>	<u>B.O.D.</u>
Raw Sewage	186 ppm	230 ppm	163 ppm	100 ppm
Primary Effluent	89 ppm	111 ppm	67 ppm	31 ppm
Reduction	52%	52%	59%	69%

(3) Milk:

Milk produced by the Post Dairy Farm was satisfactory. Due to breakdown of transportation facilities, the quantity of milk purchases from outside sources was not adequate. The quality was also below standard.

(4) Garbage:

Disposal of garbage by burying in pits is satisfactory.

(5) Insect and Rodent Control:

Freon-aerosol cylinders, 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 Sup-

d. MONTHLY VETERINARY SANITARY REPORT:

See Supplementary Report No. 4.

e. ADMINISTRATIVE MEASURES AND DEVICES:

None

f. RECOMMENDATIONS:

None.



THOMAS S. CASSEDY,
Capt., Sanitary Corps,
Post Medical Inspector.

Incls: MD Form 95-68
Supplementary Reports
1, 2, 3, and 4. ✓