

In reply  
refer to:

OFFICE OF THE POST SURGEON  
STATION HOSPITAL REF/ml

721.5

Fort Huachuca, Arizona,  
May 3, 1943.

SUBJECT: Monthly Sanitary Report.

TO : The Commanding Officer, Fort Huachuca, Arizona.  
Thru: The Post Surgeon.

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 April, 1943, is submitted:

a. ENVIRONMENTAL SANITATION

(1) Water supply

(a) There was adequate water during the month, only 35% of the available quantity being used. As heretofore, one well (No. 5) was not pumped.

(b) Consumption data:

Average flow 1.681 Million Gallons  
Maximal daily flow 2,554 " "  
The average per capita consumption was 141 gallons per day.

(c) Bacteriology. The springs and No. 2 Well continue to produce nonpotable water but water as distributed is potable after chlorination!

(1) Raw Water	Potable	Non-P	Suspicious
Garden Canyon Springs	0	4	2
Huachuca Canyon	1	3	1
Well No. 1	2	0	0
Well No. 2	2	3	1
Well No. 3	1	0	0
Well No. 4	2	0	0
Well No. 5	4	0	0

(2) Chlorinated water. Fifteen samples from the distributing system were potable. Three, one of which was taken in the laboratory where plumbing had been extended and two in the civilian housing project (Apache Flats) recently completed, were questionable because of high colony counts.

*Vertical handwritten note:* 721.5-1 (M. J. Huachuca)

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(3) It is noteworthy that the average colony count of the potable raw water was only 160, this high average being due to two counts of 500.

(2) Sewage Disposal

(a) All sewage was treated during the month. None was by-passed.

(b) Flows treated:	<u>Plant No. 1</u>	<u>Plant No. 2</u>
Maximum rate	0.938	0.736 MGD*
Minimum rate	0.309	0.273
Average rate	0.628	0.504

(c) Efficiency of treatment (monthly averages)

<u>Suspended solids</u>	<u>Plant No. 1</u>	<u>Plant No. 2</u>
Raw Sewage	258 PPM (a)	125 PPM (a)
Primary effluent	79	25
Reduction	69%	10%
Final effluent	79	19
<u>5 day BOD</u>		
Raw Sewage	170 PPM (b)	180 PPM (b)
Primary effluent	105	115
Reduction	38%	36%
Final effluent	105	48

(3) Milk. There is no opinion reference the quality of milk produced and/or purchased inasmuch as counts were too few in number. The Post Dairy farm is still dependent upon raw water from the Garden Canyon aqueduct for its supply.

(4) Garbage. It is reported that the disposal of garbage is more satisfactory. Burial is the method of disposal.

(5) Insect & rodent control.

(a) Pyrethrum mixtures are continually employed to reduce the insect (cockroach) incidence, and educational measures of cleanliness are being stressed. *notes 2/16*

\* Operated 22 days only. Values for operating days and not the month.

(a) Two determinations

(b) One determination

(6) Food supplies

See Supplementary Report No. 1

b. PERSONAL HYGIENE

See venereal disease Supplementary Report No. 2

c. ACUTE COMMUNICABLE DISEASES

(1) The incidence was not unusual for the size of the population. Attention is directed to Supplementary Report No. 3.

d. MONTHLY VETERINARY SANITARY REPORT

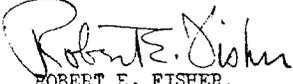
(1) See Supplementary Report No. 4

e. ADMINISTRATIVE MEASURES AND SANITARY DEVICES.

(1) None

f. RECOMMENDATIONS

(1) None.

  
ROBERT E. FISHER,  
Capt., Medical Corps,  
Actg. Med. Inspector.

Incl: MD Form 95 - 44 copies  
Supplemental Reports, 1,2,3,4.