

In reply
refer to:

OFFICE OF THE POST MEDICAL INSPECTOR
STATION HOSPITAL

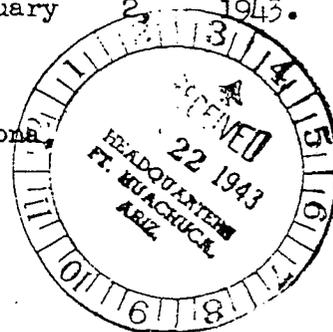
CSA/ml

721.5

Fort Huachuca, Arizona,
February 22, 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 January, 1942 is submitted:

a. ENVIRONMENTAL SANITATION

(1) Water Supply

(a) Adequacy: The average daily consumption during the month was equivalent to 50% of the available supply. The spring supply from Garden and Huachuca Canyons plus Wells Nos. 1, 2, 3, were operated. Well No. 4 operated one day only and Well No. 5 not at all.

(b) Water Consumed:

Maximum daily consumption	3,126,900 gals.
Average daily consumption	2,364,435 gals.
Average daily consumption per capita	90 gals.

(c) Bacteriological Analyses: (Including dates made)

	<u>No. Tests</u>
Quarters 117-A Jan. 11 & 13/43	2
Potable	2
Station Hospital No. 2 1/11-14-16/43	3
Potable	3
Garden Canyon at Artillery Range	
1/15/19/43	2
Potable	2
Garden Canyon (Faucet-Milk Farm) 1/15/43	1
Not potable - evidence of fecal contamination	

721.5-11 (Post Huachuca) 70

Ma

mub

Huachuca Canyon Springs Jan. 15, 1943		1
Not potable, evidence of fecal contamination		
Huachuca Canyon Springs Jan. 19, 1943		1
(No evidence of fecal contamination)	Potable	1
Well No. 1 - Jan. 14 & 19, 1943		2
	Potable	2
Well No. 2 - Jan. 13 & 19, 1943		2
	Potable	2
Well No. 3 - Jan. 14, 1943		1
	Potable	1
Well No. 4 - Jan. 13, 1943		1
	Potable	1
Well No. 5 - Jan. 14, 1943		1
	Potable	1

Bacteriological analysis report cards are attached to this report.

- (d) Effectiveness of chlorination. Chlorine residual tests made by myself on Jan. 14 & 27, 1943, varied between 0.4 and 0.5. These tests were made at the site of each Well. Non-operating Wells were run for two hours before these tests were made.
- (e) Milk Examination: Milk examinations were made on January 11, 12, & 20th, 1943 at three different points, bacterial counts show as given in supplement No. 2, attached hereto
- (2) Sewerage System. (See inclosed reports (Supplements No. 3) on analytical examination of sewage samples).
- (3) Personal Hygiene - See supplementary report No. 4 on Venereal Diseases. Otherwise personal hygiene was found to be satisfactory.
- (4) Housing - Housing was found to be satisfactory. Spraying of cockroaches was effective. All theatres on this post (Nos. 1, 2, 3 and 4) were inspected as to ventilation on or about 1830, January 18, 1943. Theatres No. 2 and 4 did not have their ventilation system in operation and the air in these theatres was foul. The ventilation fan installed in Theatre No. 2 is believed to be too small to maintain proper ventilation.
- (5) Communicable Diseases.

Chicken Pox	- - - - -	2
Mumps	- - - - -	4
* Cerebrospinal Fever (Meningococcus)	- - - - -	4
Meningitis, streptococcus, haemolyticus	- - - - -	1
Mycosis, coccidioidal	- - - - -	1
** Tularemia	- - - - -	1
Infectious Mononucleosis	- - - - -	1
Measles	- - - - -	1

* The first case was diagnosed on the night of January 14-15th, the other case on January 15, 21, and 22, 1943. These men all came from the Provisional Training Regiment. This organization was placed under working quarantine within the limits of their own area from January 15 to February 1, 1943. No new cases have been sent to hospital after January 22, 1943. An intensive search for carriers was conducted in this organization with the result that a carrier who had served as cook and mail orderly was found and hospitalized on Jan. 18, 1943.

** The soldier hospitalized for Tularemia had been in the Army for seven days and gave a history of "dressing" rabbits. He remained in hospital for one month and discharged apparently cured.

- (6) Report on Messing conditions and nutritional evaluation of the diet at Fort Huachuca is appended as Supplement No. 6.
- (7) Garbage collection and disposal. Satisfactory.
- (8) Food. See Supplementary Report No. 6 - included herewith.
- (9) Miscellaneous Subjects.
 - (a) Examination of food handlers. All food handlers are being checked (by 3" x 5" Card file) and will be reexamined at bi-monthly intervals.
- (10) Veterinary Sanitation. See monthly veterinary report inclosed as Supplement No. 5.
- (11) RECOMMENDATIONS: Improved ventilation of post theatres is recommended.

Carlton S. Allen.
 CARLTON S. ALLEN,
 Lt. Col., Med. C.,
 Post Medical Inspector.

Incls:

Supplements Nos. 1, 2, 3, 4, 5, 6.

(7) Other phases of Environmental Sanitation

Two swimming pools are in operation; better chlorinating equipment is required and this is now on order.

b. PERSONAL HYGIENE:

See Venereal Disease Supplementary Report No. 2, which will be forwarded under separate cover.

c. ACUTE COMMUNICABLE DISEASE:

The incidence of mumps has been greatly reduced during the month and other diseases remain at low levels. See Supplementary Report No. 3.

d. MONTHLY VETERINARY SANITARY REPORT:

See Supplementary Report No. 4

e. ADMINISTRATIVE MEASURES AND DEVICES:

None

f. RECOMMENDATIONS:

None

Incls: MD Form 95 - 47
Supplementary Reports
1, 3, and 4.


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