

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, oocidioidal - - - - - | 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,
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Incls:
 Supplements Nos. 1, 2, 3, 4, 5, 6.