

5 (Sanitation)

(a) All islands in the Kwajalein District were inspected by Naval Medical Department representatives during the quarter. The heads cisterns, wells, copra warehouses, homes and grounds were inspected. The following is noted. There has been increased construction of new heads, especially among the southern islands. The increase in flies reported last quarter has been controlled with some success by increased use of DDT in kerosene and fly traps.

There has been an increase in mosquitoes on nearly all islands. Appropriate steps have been taken to control this. The grounds and homes at most atolls were clean. Cisterns on some of the islands were dirty and orders were left to have them drained and cleaned.

(b) Native Sanitary Inspectors:

(1) This activity has not hired any natives designated as Sanitary Inspectors. Two of our Health Aides are assigned to Sanitation and all of the Health Aides in training here are rotated thru this department. These two men make all field trips during the time they are assigned to Sanitation and are the Field Sanitation Team. Between trips they remain on Kwajalein and do work as described Para 5 (d) (1). Their rate of pay is as for other Health Aides in the District (Trained \$30.00 and Untrained) -- \$25.00).

(2) As stated above, all Health Aides in training at the Kwajalein District are trained in sanitation. A certain portion of the six months daily lectures are dedicated to this subject. Pay is as described above, for Trained and Untrained Health Aides.

(3) Supervision is under the Medical Officer, Kwajalein District and on field trips, under the direct supervision of the Civil Administration Unit, Kwajalein Medical Field representative.

(c) Native Cemeteries.

No change since last report.

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## (d) Pest Control, Measures taken and Results.

(1) Insects: Adult and larvae mosquitoes identified here as *Aedes Scutellaris* have been discovered inhabiting most of the islands in the Kwajalein District. Previous Medical Inspectors have failed to report their presence. The native population was aware of their presence during the Japanese occupational period in great quantities. As there are no records of same, the species is unknown. Rongelap, Ujae, Lae, Mejit, Likiep, Lib, Namu, Ailinglaplap and Kwajalein are infested with the mosquitoes. Those on Likiep were identified as *Aedes Egypti* and those on Rongelap, Ujae and Lae are tentatively identified as *Aedes Scutellaris*.

Flies: This quarter the flies have been fought with some success with DDT and kerosene. Kwajalein and Ennylabegan Islands in the Kwajalein Atoll, plus Likiep Island have all been sprayed by air with DDT. *Specific control measures:*

(a) The Trained Health Aides on all of the Western Atolls, Ujelang, Rongelap, Wotho, Lae and Ujae, plus the Southern Atolls of Lib Namu, and Ailinglaplap are now equipped with one three gallon, shoulder type sprayer. With each field trip there is left by the Sanitation team a fifty-four gallon drum of DDT and kerosene. The Health Aides sprays all heads, water catchments, cisterns, common eating houses and garbage pits at least once a week. Our Sanitation Team inspects and sprays with every field trip.

(b) Fly traps and screen tops for water catchment drums are now being made by the trainees of the Sanitation Service at Kwajalein. These are distributed to the islands with the field trips.

(2) Rodents: Ujelang, Ujae, and Lae have an increase in rat population. It is recommended that traps and a sanitary instructor be sent to these islands as soon as possible.

(3) Other: No other pests are considered troublesome in the Kwajalein District.

(e) Potable Water Supply: The water supply is plentiful now during the rainy season on all islands. More adequate screening of cisterns is being carried out as described under

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(e) Potable water supply cont'd...

Paragraph 5 (d) (1).

(f) Violation of Sanitary Regulations: There have been no violations in the Kwajalein District.