

ESR: Surveillance Report – Drinking Water Supply

1. Hostels

Date tested: 25.07.2019

Reporting date: 30.07.2019

No.	Hostels	H2S Field Test		Remarks
1	Mitiaro	positive	UV treatment	H2S Results 8 x hostels with possible harmful bacteria in the water The result also indicates failure in the water treatment system - 8 hostels with “Red” signs displayed and 3, with the safe “Blue” signs - Retest after maintenance of failed UV systems NB: Hostels with no treatment systems in place collect their drinking water from the community stations.
2	Mauke	positive	UV treatment	
3	Manihiki	negative	UV treatment	
4	Rakahanga	positive	No treatment	
5	Mangaia	negative	UV treatment	
6	Masters House	positive	No treatment	
7	Pukapuka	positive	UV treatment	
8	Penryhn	positive	No treatment	
9	Atiu	positive	No treatment	
10	Aitukaki. Sample 1	positive	No treatment	
11	Aitutaki. Sample 2	negative	UV treatment	

2. Interpretation

H2S Test (Hydrogen Sulphide – paper strip test). H2S is a gas produced by some harmful bacteria. If present in the water sample, the paper strip will react by turning black indicating the presence of possible harmful bacteria in the water.