

## ESR: Surveillance Report – Drinking Water Supply

### 1. Water Stations with UV Treatment

Date collected & tested: 12.08.2019

No.	Community Stations	Lab test		Remarks
		Membrane Filtration		
		Total coliform	Faecal coliform	
1	Enua Manea Hall	0	0	Lab test indicates 6 stations with faecal contamination over the recommended standard.  The result also indicates failure in the water treatment system  -“Red” signs displayed at the 6 stations of concern (highlighted red)  - Caretakers were informed - Follow up tests after maintenance
2	Titikaveka college	28	0	
3	Kent hall	2	0	
4	Papaaroa hall	0	0	
5	Rutaki school	>200	1	
6	Kavera station	0	0	
7	Betela station	0	0	
8	LDS church arorangi	0	0	
9	Aroanui hall	>200	3	
10	Arorangi school	5	0	
11	Raemaru park	0	0	
12	Inave station	0	0	
13	Blackrock tennis court	0	0	
14	Pokoinu Station	0	0	
15	Rangiura station	0	0	
16	Avatiu station	47	0	
17	Ruatonga station	0	0	
18	Takuvaine ( A.O.G)	>200	2	
19	Matavera station	45	0	
20	Muri station	85	0	
21	Avana station	>200	2	
22	Turangi station	0	0	
23	Matavera backroad	0	0	
24	Ooa station	0	0	
25	Tupapa station	>100	2	
26	Sinai hall	>200	138	
27	Vaka Eiva	0	0	
28	St joseph hall	0	0	
29	Airport tower	0	0	
30	Matavera CICC Hall	0	0	
31	Airport 1	10	0	
32	Titikaveka preschool (UV treatment)	128	0	

### 2. Interpretation

Faecal coliforms in water are indicators of possible faecal contamination by warm-blooded animals.

#### **For Chlorinated or Treated water (WHO recommendation)**

Faecal coliform count                      0/100ml  
 Total coliform count                        <5/100ml