

Table 1 Legionella spp. count four days post biocide treatment in the old technology cooling tower units, Qatar University campus, 2013–2014

Date	Cooling tower no.	DNA copy no./mL	CFU/ml	Average count/month
28 November	1	514.4	25.70*	7.2
	2	3.000	0.15	
	3	186.6	9.33	
	4	4.506	0.22	
	5	52.59	2.63	
	6	126.4	6.32	
	7	120.0	6.00	
26 March	1	0.487	0.02	77.7
	2	2080.5	104.00*	
	3	2232.7	111.60*	
	4	2290.4	114.50*	
	5	3123.7	156.10*	
	6	126.4	6.32	
	7	1036.4	51.80*	
17 April	1	933.4	46.70*	34.1
	2	1083.6	54.20*	
	3	265.0	13.30*	
	4	917.8	45.90*	
	5	985.5	49.30*	
	6	7.642	0.38	
	7	592.6	29.60*	
21 May	1	649.7	32.50*	62.9
	2	1030.9	51.50*	
	3	372.0	18.60*	
	4	839.8	41.90*	
	5	3991.3	199.50*	
	6	998.01	49.90*	
	7	931.1	46.60*	
28 May	1	1163.0	58.20*	41.3
	2	690.0	34.50*	
	3	340.8	17.00*	
	4	555.3	27.70*	
	5	949.0	47.50*	
	6	1380.8	69.00*	
	7	702.3	35.10*	
11 June	1	8.85	0.44	20.5
	2	159.02	7.95	
	3	0.754	0.04	
	4	11.02	0.55	
	5	13.47	0.67	
	6	7.732	0.38	
	7	5.944	0.29	
12 June	1	1027.2	51.40*	
	2	940.6	47.00*	
	3	267.7	13.30*	
	4	1634.56	81.70*	
	5	768.4	38.40*	
	6	922.5	46.10*	
	7	1718	0.86	

Counts for 12 June were taken 5 days post biocide treatment. CFU = colony-forming units. *Legionella spp. count > 10 CFU/mL.