

Table 1 Average residual chlorine concentration and average frequency of *Legionella pneumophila* and fecal coliforms isolated from drinking water (tap water) in Basra governorate, Iraq

District	No. of samples	Average of residual chlorine concentration (mg/L)	Average log no. of fecal coliforms	Average of log no. of <i>L. pneumophila</i>	No. of <i>L. pneumophila</i> Isolates
Old Basra	9	1.03	2.89	1.66	10
Al-Jame'eyat	3	0.05	3.03	1.84	5
Al-Ashar	17	0.04	3.44	1.72	18
Al-Ma'aqal	13	0.17	3.43	1.71	15
Al-Hakeemya	8	0.63	2.91	1.50	5
Shatt-Al-Arab	10	0.44	2.66	2.14	8
Al-Esmae'e	5	0	2.32	1.30	4
Al-Hussain	8	1.01	2.78	1.81	8
Al-Tuwaisa	6	0	3.18	2.61	8
Al-Hadi	4	0	3.60	1.44	6
Al-Abela	3	0	3.44	1.54	7
Al-Jubaila	5	1.4	4.00	1.54	7
Al-Jazae'er	3	0	2.87	1.30	5
Al-Jumhurya	3	0	2.33	89.1	3
Al-Junaina	5	0.02	3.72	1.57	5
Al-Mowafakai	5	0	2.66	87.1	5
Al-Fayhaa	9	0.31	2.32	2.31	8
Abu-Al-Khaseeb	11	1.32	2.34	1.60	12
Total	127	-	-	-	139