

Table 1 Some important microbiological parameters and prevalence of *Pseudomonas aeruginosa* in water samples from recreational water facilities in northern Greece

Water category	Compliant with chlorination standard ^a		Total heterotrophic bacteria (/mL)		Total coliforms (/100 mL)		Escherichia coli (/100 mL)		Pseudomonas aeruginosa (/100 mL)		Compliant with microbiological standards ^a	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Swimming pools (n = 214)	204	95.3	138	64.5	15	7.0	5	2.3	39	18.2	194	90.7
Jacuzzis/spas (n = 49)	47	95.9	38	77.6	7	14.3	2	4.1	4	8.2	42	85.7
Hydrotherapy pools (n = 8)	2	25.0	5	62.5	5	62.5	4	50.0	2	25.0	4	50.0
Total (n = 271)	253	93.4	181	66.8	27	10.0	11	4.1	45	16.6	240	88.6

^aGreek hygiene regulations (limit values): chlorination is 0.4–0.8 ppm (> 0.8 ppm is considered as hyperchlorination); total heterotrophic bacteria < 200 /mL, total coliforms < 5 /100 mL, E. coli 0 /100 mL.
n = no. of samples analysed.