

Water Quality Tests Results (Magae)

No.	Items	Magae						Unit
		2-Apr-2026	7-May-2026	30-Jun-2026	16-Jul-2026	12-Aug-2026		
	Water temperature	11.9	18.4	22.8	27.8	27.1		(°C)
1	Common Bacteria	< 1	< 1	< 1	< 1	< 1		(number/mL)
2	E.coli	N.D. ※1	N.D. ※1	N.D. ※1	N.D. ※1	N.D. ※1		(MPN/100mL)
3	Cadmium							(mg/L)
4	Mercury							(mg/L)
5	Selenium							(mg/L)
6	Lead			< 0.001				(mg/L)
7	Arsenic							(mg/L)
8	Chromium (VI)	< 0.002			< 0.002			(mg/L)
9	Nitrite nitrogen	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004		(mg/L)
10	Cyanide ion and Cyanogens chloride			< 0.001				(mg/L)
11	Nitrate and Nitrite	0.3	0.2	0.2	0.1	0.2		(mg/L)
12	Fluoride	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08		(mg/L)
13	Boron							(mg/L)
14	Carbon tetrachloride			< 0.0002				(mg/L)
15	1, 4-dioxane							(mg/L)
16	cis-1,2-Dichloroethylene and trans-1,2- Dichloroethylene			< 0.004				(mg/L)
17	Dichloromethane			< 0.002				(mg/L)
18	Tetrachloroethylene			< 0.001				(mg/L)
19	Trichloroethylene			< 0.001				(mg/L)
20	Perfluoro(octane-1-sulfonic acid)(PFOS) and Perfluorooctanoic acid(PFOA)	< 0.000005						(mg/L)
21	Benzene			< 0.001				(mg/L)
22	Chlorate	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06		(mg/L)
23	Chloroacetic acid			< 0.002				(mg/L)
24	Chloroform			0.011				(mg/L)
25	Dichloroacetic acid			< 0.003				(mg/L)
26	Dibromochloromethane			0.002				(mg/L)
27	Bromate			< 0.001				(mg/L)
28	Total trihalomethanes			0.017				(mg/L)
29	Trichloroacetic acid			0.008				(mg/L)
30	Bromodichloromethane			0.005				(mg/L)
31	Bromoform			< 0.001				(mg/L)
32	Formaldehyde			< 0.008				(mg/L)
33	Zinc			< 0.01				(mg/L)
34	Aluminium	0.03	0.03	0.06	0.08	0.70		(mg/L)
35	Iron	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03		(mg/L)
36	Copper	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		(mg/L)
37	Sodium	5.0	4.8	5.7	5.1	5.9		(mg/L)
38	Manganese	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		(mg/L)
39	Chloride ion	7.6	5.2	5.8	5.1	6.8		(mg/L)
40	Calcium, Magnesium (Hardness)	23	27	26	26	26		(mg/L)
41	Total residue	62			56			(mg/L)
42	Anionic surface active agent							(mg/L)
43	Geosmin			< 0.000001	< 0.000001	< 0.000001		(mg/L)
44	2-Methylisobolneol			< 0.000001	< 0.000001	< 0.000001		(mg/L)
45	Nonionic surface active agent							(mg/L)
46	Phenols							(mg/L)
47	Organic substances (Total Organic Carbon)	0.3	0.3	0.5	0.5	0.5		
48	pH Value	7.4	7.3	7.6	7.6	7.6		
49	Taste	None	None	None	None	None		
50	Odor	None	None	None	None	None		
51	Color	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		(degree)
52	Turbidity	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		(degree)
	Free residual chlorine	0.42	0.38	0.32	0.28	0.40		(mg/L)

※1 N.D. = Not detected

※2 Necessary sanitation measures: Free residual chlorine $\geq$ 0.1 mg/L