

Water Quality Tests Results
(Purified Water of Shijima-naka Water Distribution Plant)

No.	Items	Purified Water of Shijima-naka Water Distribution Plant						Unit
		19/4/2019						
	Water temperature	9.8						(°C)
1	Common Bacteria	0						(number/mL)
2	E.coli	N.D. ※1						(MPN/100mL)
3	Cadmium							(mg/L)
4	Mercury							(mg/L)
5	Selenium	< 0.001						(mg/L)
6	Lead							(mg/L)
7	Arsenic	< 0.001						(mg/L)
8	Chromium (VI)	< 0.005						(mg/L)
9	Nitrite nitrogen	< 0.004						(mg/L)
10	Cyanide ion and Cyanogens chloride							(mg/L)
11	Nitrate and Nitrite	0.4						(mg/L)
12	Fluoride	< 0.08						(mg/L)
13	Boron							(mg/L)
14	Carbon tetrachloride							(mg/L)
15	1, 4-dioxane	< 0.005						(mg/L)
16	cis-1,2-Dichloroethylene and trans-1,2- Dichloroethylene							(mg/L)
17	Dichloromethane							(mg/L)
18	Tetrachloroethylene							(mg/L)
19	Trichloroethylene							(mg/L)
20	Benzene							(mg/L)
21	Chlorate	< 0.06						(mg/L)
22	Chloroacetic acid							(mg/L)
23	Chloroform							(mg/L)
24	Dichloroacetic acid							(mg/L)
25	Dibromochloromethane							(mg/L)
26	Bromate							(mg/L)
27	Total trihalomethanes							(mg/L)
28	Trichloroacetic acid							(mg/L)
29	Bromodichloromethane							(mg/L)
30	Bromoform							(mg/L)
31	Formaldehyde							(mg/L)
32	Zinc							(mg/L)
33	Aluminium	0.03						(mg/L)
34	Iron	< 0.03						(mg/L)
35	Copper	< 0.01						(mg/L)
36	Sodium	5.1						(mg/L)
37	Manganese	< 0.001						(mg/L)
38	Chloride ion	6.5						(mg/L)
39	Calcium, Magnesium (Hardness)	26						(mg/L)
40	Total residue	60						(mg/L)
41	Anionic surface active agent	< 0.02						(mg/L)
42	Geosmin							(mg/L)
43	2-Methylisoborneol							(mg/L)
44	Nonionic surface active agent	< 0.005						(mg/L)
45	Phenols							(mg/L)
46	Organic substances (Total Organic Carbon)	< 0.3						(mg/L)
47	pH Value	7.6						
48	Taste	None						
49	Odor	None						
50	Color	< 0.5						(degree)
51	Turbidity	< 0.1						(degree)
	Free residual chlorine ※2	0.42						(mg/L)

※1 N.D. = Not detected

※2 Necessary sanitation measures: Free residual chlorine ≥ 0.1 mg/L

Water Quality Tests Results
(Purified Water of Shijima-naka Water Distribution Plant)

No.	Items	Purified Water of Shijima-naka Water Distribution Plant						Unit
	Water temperature							(°C)
1	Common Bacteria							(number/mL)
2	E.coli							(MPN/100mL)
3	Cadmium							(mg/L)
4	Mercury							(mg/L)
5	Selenium							(mg/L)
6	Lead							(mg/L)
7	Arsenic							(mg/L)
8	Chromium (VI)							(mg/L)
9	Nitrite nitrogen							(mg/L)
10	Cyanide ion and Cyanogens chloride							(mg/L)
11	Nitrate and Nitrite							(mg/L)
12	Fluoride							(mg/L)
13	Boron							(mg/L)
14	Carbon tetrachloride							(mg/L)
15	1, 4-dioxane							(mg/L)
16	cis-1,2-Dichloroethylene and trans-1,2- Dichloroethylene							(mg/L)
17	Dichloromethane							(mg/L)
18	Tetrachloroethylene							(mg/L)
19	Trichloroethylene							(mg/L)
20	Benzene							(mg/L)
21	Chlorate							(mg/L)
22	Chloroacetic acid							(mg/L)
23	Chloroform							(mg/L)
24	Dichloroacetic acid							(mg/L)
25	Dibromochloromethane							(mg/L)
26	Bromate							(mg/L)
27	Total trihalomethanes							(mg/L)
28	Trichloroacetic acid							(mg/L)
29	Bromodichloromethane							(mg/L)
30	Bromoform							(mg/L)
31	Formaldehyde							(mg/L)
32	Zinc							(mg/L)
33	Aluminium							(mg/L)
34	Iron							(mg/L)
35	Copper							(mg/L)
36	Sodium							(mg/L)
37	Manganese							(mg/L)
38	Chloride ion							(mg/L)
39	Calcium, Magnesium (Hardness)							(mg/L)
40	Total residue							(mg/L)
41	Anionic surface active agent							(mg/L)
42	Geosmin							(mg/L)
43	2-Methylisoborneol							(mg/L)
44	Nonionic surface active agent							(mg/L)
45	Phenols							(mg/L)
46	Organic substances (Total Organic Carbon)							(mg/L)
47	pH Value							
48	Taste							
49	Odor							
50	Color							(degree)
51	Turbidity							(degree)
	Free residual chlorine ※2							(mg/L)

※1 N.D. = Not detected

※2 Necessary sanitation measures: Free residual chlorine ≥ 0.1 mg/L