

**Water Quality Tests Results**  
(Purified Water of Sue Water Purification Plant (Slow sand filtration method))

No.	Items	Purified Water of Sue Water Purification Plant (Slow sand filtration method)					Unit
		19/4/2019					
	Water temperature	11.0					( °C )
1	Common Bacteria	1					(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	< 0.01					(mg/L)
34	Iron	< 0.03					(mg/L)
35	Copper	< 0.01					(mg/L)
36	Sodium	4.2					(mg/L)
37	Manganese	< 0.001					(mg/L)
38	Chloride ion	3.9					(mg/L)
39	Calcium, Magnesium (Hardness)	23					(mg/L)
40	Total residue	42					(mg/L)
41	Anionic surface active agent	< 0.02					(mg/L)
42	Geosmin						(mg/L)
43	2-Methylisobolneol						(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	0.52					(mg/L)

※1 N.D. = Not detected

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

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47	pH Value							
48	Taste							
49	Odor							
50	Color							( degree )
51	Turbidity							( degree )
	Free residual chlorine ※2							(mg/L)

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