

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

| No. | Items  | Purified Water of Sue Water Purification Plant (Rapid sand filtration method) |  |  |  |  | Unit        |
|-----|--|---|--|--|--|--|-------------|
|     |  | 21-Apr-2026   |  |  |  |  |             |
|     | Water temperature  | 11.2  |  |  |  |  | ( °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)  | < 0.002   |  |  |  |  | (mg/L)      |
| 9   | Nitrite nitrogen   | < 0.004   |  |  |  |  | (mg/L)      |
| 10  | Cyanide ion and Cyanogens chloride                                       |   |  |  |  |  | (mg/L)      |
| 11  | Nitrate and Nitrite  | 0.2   |  |  |  |  | (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  | Perfluoro(octane-1-sulfonic acid)(PFOS) and Perfluorooctanoic acid(PFOA) | < 0.000005  |  |  |  |  | (mg/L)      |
| 21  | Benzene  |   |  |  |  |  | (mg/L)      |
| 22  | Chlorate   | < 0.06  |  |  |  |  | (mg/L)      |
| 23  | Chloroacetic acid  |   |  |  |  |  | (mg/L)      |
| 24  | Chloroform   |   |  |  |  |  | (mg/L)      |
| 25  | Dichloroacetic acid  |   |  |  |  |  | (mg/L)      |
| 26  | Dibromochloromethane   |   |  |  |  |  | (mg/L)      |
| 27  | Bromate  |   |  |  |  |  | (mg/L)      |
| 28  | Total trihalomethanes  |   |  |  |  |  | (mg/L)      |
| 29  | Trichloroacetic acid   |   |  |  |  |  | (mg/L)      |
| 30  | Bromodichloromethane   |   |  |  |  |  | (mg/L)      |
| 31  | Bromoform  |   |  |  |  |  | (mg/L)      |
| 32  | Formaldehyde   |   |  |  |  |  | (mg/L)      |
| 33  | Zinc   |   |  |  |  |  | (mg/L)      |
| 34  | Aluminium  | 0.02  |  |  |  |  | (mg/L)      |
| 35  | Iron   | < 0.03  |  |  |  |  | (mg/L)      |
| 36  | Copper   | < 0.01  |  |  |  |  | (mg/L)      |
| 37  | Sodium   | 5.0   |  |  |  |  | (mg/L)      |
| 38  | Manganese  | < 0.001   |  |  |  |  | (mg/L)      |
| 39  | Chloride ion   | 5.1   |  |  |  |  | (mg/L)      |
| 40  | Calcium, Magnesium (Hardness)  | 19  |  |  |  |  | (mg/L)      |
| 41  | Total residue  | 48  |  |  |  |  | (mg/L)      |
| 42  | Anionic surface active agent   | < 0.02  |  |  |  |  | (mg/L)      |
| 43  | Geosmin  |   |  |  |  |  | (mg/L)      |
| 44  | 2-Methylisoborneol   |   |  |  |  |  | (mg/L)      |
| 45  | Nonionic surface active agent  | < 0.005   |  |  |  |  | (mg/L)      |
| 46  | Phenols  |   |  |  |  |  | (mg/L)      |
| 47  | Organic substances (Total Organic Carbon)                                | < 0.3   |  |  |  |  |             |
| 48  | pH Value   | 7.3   |  |  |  |  |             |
| 49  | Taste  | None  |  |  |  |  |             |
| 50  | Odor   | None  |  |  |  |  |             |
| 51  | Color  | < 0.5   |  |  |  |  | ( degree )  |
| 52  | Turbidity  | < 0.1   |  |  |  |  | ( degree )  |
|     | Free residual chlorine   |   |  |  |  |  | (mg/L)      |

※1 N.D. = Not detected

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