

# Water Quality Tests Results (Awagasaki-machi)

| No. | Items                                                    | Awagasaki-machi |             |             |             |  |  | Unit        |
|-----|----------------------------------------------------------|-----------------|-------------|-------------|-------------|--|--|-------------|
|     |                                                          | 24-Apr-2023     | 10-May-2023 | 28-Jun-2023 | 12-Jul-2023 |  |  |             |
|     | Water temperature                                        | 12.6            | 14.3        | 20.2        | 21.5        |  |  | ( °C )      |
| 1   | Common Bacteria                                          | < 1             | < 1         | < 1         | < 1         |  |  | (number/mL) |
| 2   | E.coli                                                   | 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     |  |  | (mg/L)      |
| 10  | Cyanide ion and Cyanogens chloride                       |                 |             | < 0.001     |             |  |  | (mg/L)      |
| 11  | Nitrate and Nitrite                                      | 0.3             | 0.3         | 0.2         | 0.2         |  |  | (mg/L)      |
| 12  | Fluoride                                                 | < 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  | Benzene                                                  |                 |             | < 0.001     |             |  |  | (mg/L)      |
| 21  | Chlorate                                                 | < 0.06          | < 0.06      | < 0.06      | < 0.06      |  |  | (mg/L)      |
| 22  | Chloroacetic acid                                        |                 |             | < 0.002     |             |  |  | (mg/L)      |
| 23  | Chloroform                                               |                 |             | 0.018       |             |  |  | (mg/L)      |
| 24  | Dichloroacetic acid                                      |                 |             | < 0.003     |             |  |  | (mg/L)      |
| 25  | Dibromochloromethane                                     |                 |             | 0.001       |             |  |  | (mg/L)      |
| 26  | Bromate                                                  |                 |             | < 0.001     |             |  |  | (mg/L)      |
| 27  | Total trihalomethanes                                    |                 |             | 0.026       |             |  |  | (mg/L)      |
| 28  | Trichloroacetic acid                                     |                 |             | 0.009       |             |  |  | (mg/L)      |
| 29  | Bromodichloromethane                                     |                 |             | 0.007       |             |  |  | (mg/L)      |
| 30  | Bromoform                                                |                 |             | < 0.001     |             |  |  | (mg/L)      |
| 31  | Formaldehyde                                             |                 |             | < 0.008     |             |  |  | (mg/L)      |
| 32  | Zinc                                                     |                 |             | < 0.01      |             |  |  | (mg/L)      |
| 33  | Aluminium                                                | 0.02            | 0.02        | 0.05        | 0.06        |  |  | (mg/L)      |
| 34  | Iron                                                     | < 0.03          | < 0.03      | < 0.03      | < 0.03      |  |  | (mg/L)      |
| 35  | Copper                                                   | < 0.01          | < 0.01      | < 0.01      | < 0.01      |  |  | (mg/L)      |
| 36  | Sodium                                                   | 4.3             | 4.6         | 5.5         | 5.0         |  |  | (mg/L)      |
| 37  | Manganese                                                | < 0.001         | < 0.001     | < 0.001     | < 0.001     |  |  | (mg/L)      |
| 38  | Chloride ion                                             | 4.9             | 6.9         | 4.8         | 4.8         |  |  | (mg/L)      |
| 39  | Calcium, Magnesium (Hardness)                            | 24              | 21          | 26          | 23          |  |  | (mg/L)      |
| 40  | Total residue                                            | 51              |             |             | 80          |  |  | (mg/L)      |
| 41  | Anionic surface active agent                             |                 |             |             |             |  |  | (mg/L)      |
| 42  | Geosmin                                                  |                 |             | < 0.000001  | < 0.000001  |  |  | (mg/L)      |
| 43  | 2-Methylisobolneol                                       |                 |             | < 0.000001  | < 0.000001  |  |  | (mg/L)      |
| 44  | Nonionic surface active agent                            |                 |             |             |             |  |  | (mg/L)      |
| 45  | Phenols                                                  |                 |             |             |             |  |  | (mg/L)      |
| 46  | Organic substances (Total Organic Carbon)                | < 0.3           | 0.3         | 0.4         | 0.5         |  |  | (mg/L)      |
| 47  | pH Value                                                 | 7.5             | 7.4         | 7.5         | 7.5         |  |  |             |
| 48  | Taste                                                    | None            | None        | None        | None        |  |  |             |
| 49  | Odor                                                     | None            | None        | None        | None        |  |  |             |
| 50  | Color                                                    | < 0.5           | < 0.5       | < 0.5       | < 0.5       |  |  | ( degree )  |
| 51  | Turbidity                                                | < 0.1           | < 0.1       | < 0.1       | < 0.1       |  |  | ( degree )  |
|     | Free residual chlorine ※2                                | 0.36            | 0.36        | 0.30        | 0.34        |  |  | (mg/L)      |

※1 N.D. = Not detected

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