

# Water Quality Tests Results (Fukuroitaya-machi)

| No. | Items                                                    | Fukuroitaya-machi |             |             |             |             |            | Unit        |
|-----|----------------------------------------------------------|-------------------|-------------|-------------|-------------|-------------|------------|-------------|
|     |                                                          | 30-Apr-2025       | 14-May-2025 | 24-Jun-2025 | 16-Jul-2025 | 27-Aug-2025 | 9-Sep-2025 |             |
|     | Water temperature                                        | 11.6              | 12.8        | 19.3        | 22.2        | 22.7        | 23.2       | ( °C )      |
| 1   | Common Bacteria                                          | < 1               | < 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     | N.D. ※1    | (MPN/100mL) |
| 3   | Cadmium                                                  |                   |             |             |             |             |            | (mg/L)      |
| 4   | Mercury                                                  |                   |             |             |             |             |            | (mg/L)      |
| 5   | Selenium                                                 |                   |             |             |             |             |            | (mg/L)      |
| 6   | Lead                                                     |                   |             | < 0.001     |             |             | < 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     | < 0.004    | (mg/L)      |
| 10  | Cyanide ion and Cyanogens chloride                       |                   |             | < 0.001     |             |             | < 0.001    | (mg/L)      |
| 11  | Nitrate and Nitrite                                      | 0.3               | 0.2         | 0.2         | 0.3         | 0.4         | 0.3        | (mg/L)      |
| 12  | Fluoride                                                 | < 0.08            | < 0.08      | < 0.08      | < 0.08      | < 0.08      | < 0.08     | (mg/L)      |
| 13  | Boron                                                    |                   |             |             |             |             |            | (mg/L)      |
| 14  | Carbon tetrachloride                                     |                   |             | < 0.0002    |             |             | < 0.0002   | (mg/L)      |
| 15  | 1, 4-dioxane                                             |                   |             |             |             |             |            | (mg/L)      |
| 16  | cis-1,2-Dichloroethylene and trans-1,2- Dichloroethylene |                   |             | < 0.004     |             |             | < 0.004    | (mg/L)      |
| 17  | Dichloromethane                                          |                   |             | < 0.002     |             |             | < 0.002    | (mg/L)      |
| 18  | Tetrachloroethylene                                      |                   |             | < 0.001     |             |             | < 0.001    | (mg/L)      |
| 19  | Trichloroethylene                                        |                   |             | < 0.001     |             |             | < 0.001    | (mg/L)      |
| 20  | Benzene                                                  |                   |             | < 0.001     |             |             | < 0.001    | (mg/L)      |
| 21  | Chlorate                                                 | < 0.06            | < 0.06      | 0.06        | 0.08        | 0.10        | 0.12       | (mg/L)      |
| 22  | Chloroacetic acid                                        |                   |             | < 0.002     |             |             | < 0.002    | (mg/L)      |
| 23  | Chloroform                                               |                   |             | 0.008       |             |             | 0.013      | (mg/L)      |
| 24  | Dichloroacetic acid                                      |                   |             | 0.006       |             |             | 0.004      | (mg/L)      |
| 25  | Dibromochloromethane                                     |                   |             | < 0.001     |             |             | < 0.001    | (mg/L)      |
| 26  | Bromate                                                  |                   |             | < 0.001     |             |             | < 0.001    | (mg/L)      |
| 27  | Total trihalomethanes                                    |                   |             | 0.012       |             |             | 0.020      | (mg/L)      |
| 28  | Trichloroacetic acid                                     |                   |             | 0.004       |             |             | 0.006      | (mg/L)      |
| 29  | Bromodichloromethane                                     |                   |             | 0.003       |             |             | 0.005      | (mg/L)      |
| 30  | Bromoform                                                |                   |             | < 0.001     |             |             | < 0.001    | (mg/L)      |
| 31  | Formaldehyde                                             |                   |             | < 0.008     |             |             | < 0.008    | (mg/L)      |
| 32  | Zinc                                                     |                   |             | < 0.01      |             |             | < 0.01     | (mg/L)      |
| 33  | Aluminium                                                | < 0.01            | 0.01        | 0.02        | 0.03        | 0.03        | 0.04       | (mg/L)      |
| 34  | Iron                                                     | < 0.03            | < 0.03      | < 0.03      | < 0.03      | < 0.03      | < 0.03     | (mg/L)      |
| 35  | Copper                                                   | < 0.01            | < 0.01      | < 0.01      | < 0.01      | < 0.01      | < 0.01     | (mg/L)      |
| 36  | Sodium                                                   | 4.9               | 4.5         | 0.4         | 5.1         | 5.1         | 6.1        | (mg/L)      |
| 37  | Manganese                                                | < 0.001           | < 0.001     | < 0.001     | < 0.001     | < 0.001     | < 0.001    | (mg/L)      |
| 38  | Chloride ion                                             | 5.4               | 5.3         | 4.4         | 4.9         | 4.7         | 5.4        | (mg/L)      |
| 39  | Calcium, Magnesium (Hardness)                            | 16                | 16          | 19          | 22          | 24          | 31         | (mg/L)      |
| 40  | Total residue                                            | 21                |             |             | 36          |             |            | (mg/L)      |
| 41  | Anionic surface active agent                             |                   |             |             |             |             |            | (mg/L)      |
| 42  | Geosmin                                                  |                   |             | < 0.000001  | < 0.000001  | < 0.000001  | < 0.000001 | (mg/L)      |
| 43  | 2-Methylisoborneol                                       |                   |             | < 0.000001  | < 0.000001  | < 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       | 0.3         | 0.5         | 0.6         | 0.6        | (mg/L)      |
| 47  | pH Value                                                 | 7.4               | 7.5         | 7.4         | 7.4         | 7.4         | 7.5        |             |
| 48  | Taste                                                    | None              | None        | None        | None        | None        | None       |             |
| 49  | Odor                                                     | None              | None        | None        | None        | None        | None       |             |
| 50  | Color                                                    | < 0.5             | < 0.5       | < 0.5       | < 0.5       | < 0.5       | < 0.5      | ( degree )  |
| 51  | Turbidity                                                | < 0.1             | < 0.1       | < 0.1       | < 0.1       | < 0.1       | < 0.1      | ( degree )  |
|     | Free residual chlorine ※2                                | 0.48              | 0.46        | 0.46        | 0.46        | 0.46        | 0.44       | (mg/L)      |

※1 N.D. = Not detected

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

# Water Quality Tests Results (Fukuroitaya-machi)

| No. | Items                                                   | Fukuroitaya-machi |  |  |  |  |  | Unit        |
|-----|---------------------------------------------------------|-------------------|--|--|--|--|--|-------------|
|     |                                                         | 2-Oct-2025        |  |  |  |  |  |             |
|     | Water temperature                                       | 21.2              |  |  |  |  |  | ( °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                                                |                   |  |  |  |  |  | (mg/L)      |
| 6   | Lead                                                    |                   |  |  |  |  |  | (mg/L)      |
| 7   | Arsenic                                                 |                   |  |  |  |  |  | (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                                     | 0.4               |  |  |  |  |  | (mg/L)      |
| 12  | Fluoride                                                | < 0.08            |  |  |  |  |  | (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                                                | 0.14              |  |  |  |  |  | (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                                               | 0.04              |  |  |  |  |  | (mg/L)      |
| 34  | Iron                                                    | < 0.03            |  |  |  |  |  | (mg/L)      |
| 35  | Copper                                                  | < 0.01            |  |  |  |  |  | (mg/L)      |
| 36  | Sodium                                                  | 5.4               |  |  |  |  |  | (mg/L)      |
| 37  | Manganese                                               | < 0.001           |  |  |  |  |  | (mg/L)      |
| 38  | Chloride ion                                            | 5.3               |  |  |  |  |  | (mg/L)      |
| 39  | Calcium, Magnesium (Hardness)                           | 25                |  |  |  |  |  | (mg/L)      |
| 40  | Total residue                                           | 46                |  |  |  |  |  | (mg/L)      |
| 41  | Anionic surface active agent                            |                   |  |  |  |  |  | (mg/L)      |
| 42  | Geosmin                                                 | < 0.000001        |  |  |  |  |  | (mg/L)      |
| 43  | 2-Methylisoborneol                                      | < 0.000001        |  |  |  |  |  | (mg/L)      |
| 44  | Nonionic surface active agent                           |                   |  |  |  |  |  | (mg/L)      |
| 45  | Phenols                                                 |                   |  |  |  |  |  | (mg/L)      |
| 46  | Organic substances (Total Organic Carbon)               | 0.7               |  |  |  |  |  | (mg/L)      |
| 47  | pH Value                                                | 7.5               |  |  |  |  |  |             |
| 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  $\geq 0.1$  mg/L