

## Water Quality Tests Results (Fukuroitaya-machi)

| No. | Items   | Fukuroitaya-machi |             |             |             |             |             | Unit        |
|-----|---|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|     |   | 30-Apr-2024       | 16-May-2024 | 26-Jun-2024 | 10-Jul-2024 | 20-Aug-2024 | 18-Sep-2024 |             |
|     | Water temperature                                       | 13.5              | 15.3        | 19.9        | 21.0        | 23.6        | 24.5        | ( °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                                     | 0.2               | 0.2         | 0.2         | 0.2         | 0.2         | 0.4         | (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            | 0.07        | < 0.06      | 0.08        | 0.12        | 0.10        | (mg/L)      |
| 22  | Chloroacetic acid                                       |                   |             | < 0.002     |             |             | < 0.002     | (mg/L)      |
| 23  | Chloroform  |                   |             | 0.010       |             |             | 0.009       | (mg/L)      |
| 24  | Dichloroacetic acid                                     |                   |             | 0.004       |             |             | < 0.003     | (mg/L)      |
| 25  | Dibromochloromethane                                    |                   |             | < 0.001     |             |             | < 0.001     | (mg/L)      |
| 26  | Bromate   |                   |             | < 0.001     |             |             | < 0.001     | (mg/L)      |
| 27  | Total trihalomethanes                                   |                   |             | 0.014       |             |             | 0.015       | (mg/L)      |
| 28  | Trichloroacetic acid                                    |                   |             | 0.004       |             |             | 0.004       | (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   | 0.02              | 0.02        | 0.04        | 0.03        | 0.03        | 0.03        | (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  | 4.4               | 4.0         | 6.3         | 6.1         | 6.6         | 7.3         | (mg/L)      |
| 37  | Manganese   | < 0.001           | < 0.001     | < 0.001     | < 0.001     | < 0.001     | < 0.001     | (mg/L)      |
| 38  | Chloride ion  | 4.7               | 3.8         | 6.1         | 6.4         | 5.7         | 5.7         | (mg/L)      |
| 39  | Calcium, Magnesium (Hardness)                           | 21                | 23          | 23          | 22          | 32          | 33          | (mg/L)      |
| 40  | Total residue   | 42                |             |             | 27          |             |             | (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       | 0.5         | 0.4         | < 0.3       | 0.5         | (mg/L)      |
| 47  | pH Value  | 7.4               | 7.4         | 7.4         | 7.4         | 7.5         | 7.4         |             |
| 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                               | 0.46              | 0.44        | 0.40        | 0.46        | 0.48        | 0.40        | (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        |
|-----|--|-------------------|--|--|--|--|-------------|
|     |  | 24-Oct-2024       |  |  |  |  |             |
|     | Water temperature  | 18.0              |  |  |  |  | ( °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   |                   |  |  |  |  | (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  | <small>cis-1,2-Dichloroethylene and trans-1,2-Dichloroethylene</small> |                   |  |  |  |  | (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  | 0.02              |  |  |  |  | (mg/L)      |
| 34  | Iron   | < 0.03            |  |  |  |  | (mg/L)      |
| 35  | Copper   | < 0.01            |  |  |  |  | (mg/L)      |
| 36  | Sodium   | 6.4               |  |  |  |  | (mg/L)      |
| 37  | Manganese  | < 0.001           |  |  |  |  | (mg/L)      |
| 38  | Chloride ion   | 5.6               |  |  |  |  | (mg/L)      |
| 39  | Calcium, Magnesium (Hardness)  | 31                |  |  |  |  | (mg/L)      |
| 40  | Total residue  | 67                |  |  |  |  | (mg/L)      |
| 41  | Anionic surface active agent   |                   |  |  |  |  | (mg/L)      |
| 42  | Geosmin  | < 0.000001        |  |  |  |  | (mg/L)      |
| 43  | 2-Methylisobolneol   | < 0.000001        |  |  |  |  | (mg/L)      |
| 44  | Nonionic surface active agent  |                   |  |  |  |  | (mg/L)      |
| 45  | Phenols  |                   |  |  |  |  | (mg/L)      |
| 46  | Organic substances (Total Organic Carbon)                              | 0.4               |  |  |  |  | (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  | 0.46              |  |  |  |  | (mg/L)      |

※1 N.D. = Not detected

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