

# Water Quality Tests Results

## (Purified Water of Shijima-naka Water Distribution Plant)

| No. | Items                                                                    | Purified Water of Shijima-naka Water Distribution Plant |             |  |  |  |  | Unit        |
|-----|--------------------------------------------------------------------------|---------------------------------------------------------|-------------|--|--|--|--|-------------|
|     |                                                                          | 21-Apr-2026                                             | 19-May-2026 |  |  |  |  |             |
|     | Water temperature                                                        | 12.6                                                    | 15.9        |  |  |  |  | ( °C )      |
| 1   | Common Bacteria                                                          | < 1                                                     | < 1         |  |  |  |  | (number/mL) |
| 2   | E.coli                                                                   | N.D. ※1                                                 | N.D. ※1     |  |  |  |  | (MPN/100mL) |
| 3   | Cadmium                                                                  |                                                         | < 0.0003    |  |  |  |  | (mg/L)      |
| 4   | Mercury                                                                  |                                                         | < 0.00005   |  |  |  |  | (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                                                 | < 0.004     |  |  |  |  | (mg/L)      |
| 10  | Cyanide ion and Cyanogens chloride                                       |                                                         |             |  |  |  |  | (mg/L)      |
| 11  | Nitrate and Nitrite                                                      | 0.2                                                     | 0.2         |  |  |  |  | (mg/L)      |
| 12  | Fluoride                                                                 | < 0.08                                                  | < 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                                                  | < 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                                                                | 0.03                                                    | 0.05        |  |  |  |  | (mg/L)      |
| 35  | Iron                                                                     | < 0.03                                                  | < 0.03      |  |  |  |  | (mg/L)      |
| 36  | Copper                                                                   | < 0.01                                                  | < 0.01      |  |  |  |  | (mg/L)      |
| 37  | Sodium                                                                   | 4.7                                                     | 5.6         |  |  |  |  | (mg/L)      |
| 38  | Manganese                                                                | < 0.001                                                 | < 0.001     |  |  |  |  | (mg/L)      |
| 39  | Chloride ion                                                             | 5.1                                                     | 5.6         |  |  |  |  | (mg/L)      |
| 40  | Calcium, Magnesium (Hardness)                                            | 24                                                      | 27          |  |  |  |  | (mg/L)      |
| 41  | Total residue                                                            | 52                                                      |             |  |  |  |  | (mg/L)      |
| 42  | Anionic surface active agent                                             | < 0.02                                                  |             |  |  |  |  | (mg/L)      |
| 43  | Geosmin                                                                  |                                                         |             |  |  |  |  | (mg/L)      |
| 44  | 2-Methylisobolneol                                                       |                                                         |             |  |  |  |  | (mg/L)      |
| 45  | Nonionic surface active agent                                            | < 0.005                                                 |             |  |  |  |  | (mg/L)      |
| 46  | Phenols                                                                  |                                                         | < 0.0005    |  |  |  |  | (mg/L)      |
| 47  | Organic substances (Total Organic Carbon)                                | < 0.3                                                   | 0.3         |  |  |  |  |             |
| 48  | pH Value                                                                 | 7.4                                                     | 7.4         |  |  |  |  |             |
| 49  | Taste                                                                    | None                                                    | None        |  |  |  |  |             |
| 50  | Odor                                                                     | None                                                    | None        |  |  |  |  |             |
| 51  | Color                                                                    | < 0.5                                                   | < 0.5       |  |  |  |  | ( degree )  |
| 52  | Turbidity                                                                | < 0.1                                                   | < 0.1       |  |  |  |  | ( degree )  |
|     | Free residual chlorine                                                   | 0.42                                                    | 0.48        |  |  |  |  | (mg/L)      |

※1 N.D. = Not detected

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