

# Water Quality Tests Results (Izumino-machi)

| No. | Items                                                    | Izumino-machi |  |  |  |  |  | Unit        |
|-----|----------------------------------------------------------|---------------|--|--|--|--|--|-------------|
|     |                                                          | 30-Apr-2025   |  |  |  |  |  |             |
|     | Water temperature                                        | 13.4          |  |  |  |  |  | ( °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                                      | 0.3           |  |  |  |  |  | (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                                                 | < 0.06        |  |  |  |  |  | (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                                                | < 0.01        |  |  |  |  |  | (mg/L)      |
| 34  | Iron                                                     | < 0.03        |  |  |  |  |  | (mg/L)      |
| 35  | Copper                                                   | < 0.01        |  |  |  |  |  | (mg/L)      |
| 36  | Sodium                                                   | 4.9           |  |  |  |  |  | (mg/L)      |
| 37  | Manganese                                                | < 0.001       |  |  |  |  |  | (mg/L)      |
| 38  | Chloride ion                                             | 5.4           |  |  |  |  |  | (mg/L)      |
| 39  | Calcium, Magnesium (Hardness)                            | 16            |  |  |  |  |  | (mg/L)      |
| 40  | Total residue                                            | 31            |  |  |  |  |  | (mg/L)      |
| 41  | Anionic surface active agent                             |               |  |  |  |  |  | (mg/L)      |
| 42  | Geosmin                                                  |               |  |  |  |  |  | (mg/L)      |
| 43  | 2-Methylisoborneol                                       |               |  |  |  |  |  | (mg/L)      |
| 44  | Nonionic surface active agent                            |               |  |  |  |  |  | (mg/L)      |
| 45  | Phenols                                                  |               |  |  |  |  |  | (mg/L)      |
| 46  | Organic substances (Total Organic Carbon)                | < 0.3         |  |  |  |  |  | (mg/L)      |
| 47  | pH Value                                                 | 7.4           |  |  |  |  |  |             |
| 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