

令和3年2月度

水質検査結果表

| 項目                   | 水質基準          | 検出下限値     | 千代川水源 |       |       |       |       |       |       |       |       | 千代川系       |              |
|----------------------|---------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
|                      |               |           | 1号井   | 2号井   | 3号井   | 4号井   | 5号井   | 6号井   | 7号井   | 8号井   | 9号井   | 浄水場<br>着水井 | 浄水場<br>水質計器室 |
| 採水日                  |               |           | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2          | 2            |
| 時間                   |               |           | 9:27  | 9:36  | 9:46  | 9:56  | 11:27 | 10:12 | 10:58 | 10:45 | 10:31 | 11:14      | 10:35        |
| 天候                   |               |           | 晴     | 晴     | 晴     | 晴     | 晴     | 晴     | 晴     | 晴     | 晴     | 晴          | 晴            |
| 気温                   |               |           | 10.5  | 10.0  | 10.0  | 10.8  | 11.5  | 12.3  | 11.0  | 10.9  | 11.8  | 10.0       | 11.8         |
| 水温                   |               |           | 16.0  | 15.5  | 14.2  | 15.6  | 14.6  | 15.5  | 17.0  | 16.2  | 15.8  | 16.2       | 15.6         |
| 区分                   |               |           | 原水    | 原水    | 原水    | 原水    | 原水    | 原水    | 原水    | 原水    | 原水    | 原水         | 浄水           |
| 1 一般細菌               | 100個/ml以下     | 0個/ml     | 0     | 0     | 0     | 0     | 3     | 0     | 0     | 0     | 0     | 0          | 0            |
| 2 大腸菌                | 検出されないこと      | —         | (-)   | (-)   | (-)   | (-)   | (-)   | (-)   | (-)   | (-)   | (-)   | (-)        | (-)          |
| 9 亜硝酸態窒素             | 0.04mg/l以下    | 0.004mg/l | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | N.D.         |
| 10 シアン化物イオン及び塩化シアン   | 0.01mg/l以下    | 0.001mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 11 硝酸態窒素及び亜硝酸態窒素     | 10mg/l以下      | 0.02mg/l  | 0.72  | 0.73  | 0.73  | 0.74  | 0.66  | 0.58  | 0.73  | 0.81  | 0.65  | 0.70       | 0.72         |
| 12 フッ素及びその化合物        | 0.8mg/l以下     | 0.08mg/l  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | N.D.         |
| 21 塩素酸               | 0.6mg/l以下     | 0.06mg/l  |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 22 クロロ酢酸             | 0.02mg/l以下    | 0.002mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 23 クロロホルム            | 0.06mg/l以下    | 0.001mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 24 ジクロロ酢酸            | 0.03mg/l以下    | 0.003mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 25 ジブromoクロロメタン      | 0.1mg/l以下     | 0.001mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 26 臭素酸               | 0.01mg/l以下    | 0.001mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 27 総トリハロメタン          | 0.1mg/l以下     | 0.01mg/l  |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 28 トリクロロ酢酸           | 0.03mg/l以下    | 0.003mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 29 ブロモジクロロメタン        | 0.03mg/l以下    | 0.001mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 30 ブロモホルム            | 0.09mg/l以下    | 0.005mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 31 ホルムアルデヒド          | 0.08mg/l以下    | 0.008mg/l |       |       |       |       |       |       |       |       |       |            | N.D.         |
| 34 鉄及びその化合物          | 0.3mg/l以下     | 0.03mg/l  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | N.D.         |
| 36 ナトリウム及びその化合物      | 200mg/l以下     | 1.0mg/l   | 6.5   | 6.2   | 6.1   | 6.1   | 5.5   | 5.6   | 6.7   | 7.4   | 6.4   | 6.7        | 6.5          |
| 37 マンガン及びその化合物       | 0.05mg/l以下    | 0.005mg/l | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | N.D.         |
| 38 塩化物イオン            | 200mg/l以下     | 0.2mg/l   | 7.9   | 7.2   | 7.3   | 6.9   | 7.0   | 6.6   | 7.0   | 8.4   | 7.1   | 7.3        | 7.9          |
| 39 カルシウム、マグネシウム等(硬度) | 300mg/l以下     | 5mg/l     | 34    | 34    | 34    | 35    | 32    | 30    | 37    | 41    | 35    | 37         | 35           |
| 40 蒸発残留物             | 500mg/l以下     | 20mg/l    | 64    | 54    | 65    | 53    | 42    | 40    | 72    | 79    | 66    | 50         | 70           |
| 46 有機物(全有機炭素(TOC)の量) | 3mg/l以下       | 0.3mg/l   | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | N.D.         |
| 47 p H               | 5.8以上8.6以下    | —         | 6.6   | 6.6   | 6.7   | 6.6   | 6.7   | 6.7   | 6.6   | 6.5   | 6.6   | 6.8        | 6.6          |
| 48 味                 | 異常でないこと       | —         |       |       |       |       |       |       |       |       |       |            | 異常なし         |
| 49 臭気                | 異常でないこと       | —         | 異常なし  | 異常なし  | 異常なし  | 異常なし  | 異常なし  | 異常なし  | 異常なし  | 異常なし  | 異常なし  | 異常なし       | 異常なし         |
| 50 色度                | 5以下           | 1度        | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | N.D.         |
| 51 濁度                | 2以下           | 0.1度      | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | 0.2          |
| 残留塩素                 | 遊離0.1mg/l以上   | - mg/l    |       |       |       |       |       |       |       |       |       |            | 0.3          |
| アンモニア性窒素             | - mg/l        | 0.02mg/l  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.  | N.D.       | N.D.         |
| カルシウム硬度              | - mg/l        | - mg/l    | 22.5  | 22.2  | 22.8  | 23.1  | 22.8  | 21.1  | 24.1  | 25.5  | 22.6  | 23.9       | 23.2         |
| 総酸度                  | - mg/l        | - mg/l    | 15.8  | 17.7  | 15.8  | 17.7  | 13.8  | 12.8  | 17.7  | 22.7  | 17.7  | 14.8       | 14.8         |
| 総アルカリ度               | - mg/l        | - mg/l    | 32.0  | 32.0  | 32.0  | 33.0  | 34.0  | 33.0  | 35.0  | 27.0  | 36.0  | 35.0       | 30.0         |
| 遊離炭酸                 | 20mg/l以下(目標値) | - mg/l    | 13.9  | 15.6  | 13.9  | 15.6  | 12.1  | 11.3  | 15.6  | 20.0  | 15.6  | 13.0       | 13.0         |
| 浸食性遊離炭酸              | - mg/l        | - mg/l    | 13.0  | 14.7  | 13.0  | 14.6  | 11.3  | 10.5  | 14.6  | 18.9  | 14.6  | 12.1       | 12.2         |
| ランゲリア指数              | -1程度極力0(目標値)  | —         | -2.46 | -2.43 | -2.43 | -2.41 | -2.33 | -2.37 | -2.36 | -2.56 | -2.45 | -2.24      | -2.53        |
| 電気伝導率                | - μs/cm       | - μs/cm   | 103   | 102   | 102   | 104   | 97    | 90    | 111   | 120   | 103   | 107        | 105          |
| 嫌気性芽胞菌               | 検出されないこと      | —         |       |       |       | (-)   | (-)   | (-)   |       |       |       | (-)        |              |

※検出下限値未満である場合「N.D.」と表記する。(N.D.: Not Detected (不検出)の略)