

項目	水質基準	検出下限値	千代川水源									浄水場着水井	千代川系浄水場水質計器室
			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		
採水日			30	30	30	30	30	30	30	30	30	30	30
時間			10:06	10:26	9:12	9:38	13:40	10:48	12:25	11:55	11:27	12:52	13:15
天候			晴	晴	晴	晴	晴	晴	晴	晴	晴	晴	晴
気温			8.4	9.0	6.5	7.8	12.9	12.3	13.9	13.0	13.8	12.7	12.7
水温			17.5	17.4	17.7	17.2	19.9	17.0	15.9	16.2	16.8	17.0	17.0
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	0	0	0	0	0	0	0
2 大腸菌	検出されないこと	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
3 カドミウム及びその化合物	0.003mg/l以下	0.0003mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4 水銀及びその化合物	0.0005mg/l以下	0.00005mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
5 セレン及びその化合物	0.01mg/l以下	0.001mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6 鉛及びその化合物	0.01mg/l以下	0.001mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7 ヒ素及びその化合物	0.01mg/l以下	0.001mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8 六価クロム化合物	0.02mg/l以下	0.002mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
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.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	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	0.63	0.69	0.60	0.64	0.89	0.81	0.65	0.77	0.78
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.
13 ホウ素及びその化合物	1.0mg/l以下	0.02mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.02	N.D.	N.D.	N.D.
14 四塩化炭素	0.002mg/l以下	0.0002mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15 1,4-ジオキサン	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.
16 シス-1,2-ジクロロエチレン及びトランス-1,2-ジクロロエチレン	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.
17 ジクロロメタン	0.02mg/l以下	0.002mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
18 テトラクロロエチレン	0.01mg/l以下	0.001mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
19 トリクロロエチレン	0.01mg/l以下	0.001mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
20 ベンゼン	0.01mg/l以下	0.001mg/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rom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.
32 亜鉛及びその化合物	1.0mg/l以下	0.005mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	0.008	N.D.	N.D.	N.D.	N.D.	N.D.
33 アルミニウム及びその化合物	0.2mg/l以下	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.
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.
35 銅及びその化合物	1.0mg/l以下	0.01mg/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	6.4	6.2	5.9	6.1	5.7	5.9	6.5	7.5	6.7	6.7	6.7
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	7.6	7.1	6.7	6.7	6.3	6.4	8.0	8.9	7.8	7.4	7.7
39 カルシウム、マグネシウム等(硬度)	300mg/l以下	5mg/l	32	31	31	34	31	34	37	41	36	38	37
40 蒸発残留物	500mg/l以下	20mg/l	67	68	64	68	70	72	78	84	72	70	72
41 陰イオン界面活性剤	0.2mg/l以下	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.
42 ジェオスミン	0.00001mg/l以下	0.00001mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
43 2-メチルイソボルネオール	0.00001mg/l以下	0.00001mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
44 非イオン界面活性剤	0.02mg/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.
45 フェノール類	0.005mg/l以下	0.0005mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
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 pH	5.8以上8.6以下	-	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7
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.	N.D.
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	22.6	20.5	20.6	21.6	22.7	23.2	23.8	24.1	21.7	23.1	23.0
総酸度	- mg/l	- mg/l	19.7	18.7	15.8	18.7	21.7	15.8	22.7	24.6	19.7	10.8	11.8
総アルカリ度	- mg/l	- mg/l	34.0	33.0	34.0	31.0	31.0	34.0	37.0	35.0	33.0	38.0	37.0
遊離炭酸	20mg/l以下(目標値)	- mg/l	18.1	16.5	13.9	16.5	19.1	13.9	20.0	21.6	17.3	9.5	10.4
浸食性遊離炭酸	- mg/l	- mg/l	16.2	15.5	13.0	15.5	17.9	13.0	18.6	20.2	16.3	8.8	9.6
ランゲリア指数	-1程度極力0(目標値)	-	-2.51	-2.57	-2.51	-2.63	-2.55	-2.52	-2.50	-2.54	-2.57	-2.24	-2.25
電気伝導率	- μs/cm	- μs/cm	105	103	100	103	101	102	116	123	107	110	112
嫌気性芽胞菌	検出されないこと	-											
クリプトスポリジウム	10ℓ中に検出されないこと	10ℓ中に検出されないこと	0	0	0	0	0	0	0	0	0	0	0
ジアルジア	10ℓ中に検出されないこと	10ℓ中に検出されないこと	0	0	0	0	0	0	0	0	0	0	0

※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)