

項目	水質基準	検出下限値	三宅水源					三宅系				
			第3号取水井	第4号取水井	第5号取水井(旧2-6)	第6号取水井(旧2-5)	浄水場着水井	浄水場水質計器室	下矢田町東法楽寺	篠町子唐櫃越	保津町上火無	
採水日			24	24	24	24	24	24	24	24	24	24
時間			10:01	10:22	9:10	9:36	10:55	11:12	9:20	9:50	10:20	
天候			曇	晴	曇	曇	晴	晴	曇	曇	曇	
気温			7.2	9.0	6.4	7.2	9.2	9.2	8.4	8.1	8.0	
水温			17.9	16.7	17.4	17.2	17.5	17.4	17.0	11.2	17.4	
区分			原水	原水	原水	原水	原水	浄水	浄水	浄水	浄水	
1 一般細菌	100個/ml以下	0個/ml	0	3	0	0	1	0	0	0	0	
2 大腸菌	検出されないこと	—	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
3 カドミウム及其化合物	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.	
4 水銀及其化合物	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.	
5 セレン及其化合物	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.	
6 鉛及其化合物	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.	
7 ヒ素及其化合物	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.	
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.	
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.	
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.	
11 硝酸態窒素及び亜硝酸態窒素	10mg/l以下	0.02mg/l	0.83	1.29	0.94	0.62	0.78	0.85	0.79	0.81	0.80	
12 フッ素及其化合物	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.	
13 ホウ素及其化合物	1.0mg/l以下	0.02mg/l	0.03	N.D.	0.03	0.03	0.03	0.03	0.03	0.03	0.02	
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.	
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.	
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.	
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.	
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.	
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.	
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.	
21 塩素酸	0.6mg/l以下	0.06mg/l						N.D.	N.D.	N.D.	N.D.	
22 クロロ酢酸	0.02mg/l以下	0.002mg/l						N.D.	N.D.	N.D.	N.D.	
23 クロロホルム	0.06mg/l以下	0.001mg/l						N.D.	N.D.	N.D.	N.D.	
24 ジクロロ酢酸	0.03mg/l以下	0.003mg/l						N.D.	N.D.	N.D.	N.D.	
25 ジブロモクロロメタン	0.1mg/l以下	0.001mg/l						N.D.	N.D.	N.D.	N.D.	
26 臭素酸	0.01mg/l以下	0.001mg/l						N.D.	N.D.	N.D.	N.D.	
27 総トリハロメタン	0.1mg/l以下	0.01mg/l						N.D.	N.D.	N.D.	N.D.	
28 トリクロロ酢酸	0.03mg/l以下	0.003mg/l						N.D.	N.D.	N.D.	N.D.	
29 ブロモジクロロメタン	0.03mg/l以下	0.001mg/l						N.D.	N.D.	N.D.	N.D.	
30 ブロモホルム	0.09mg/l以下	0.005mg/l						N.D.	N.D.	N.D.	N.D.	
31 ホルムアルデヒド	0.08mg/l以下	0.008mg/l						N.D.	N.D.	N.D.	N.D.	
32 亜鉛及其化合物	1.0mg/l以下	0.005mg/l	N.D.	N.D.	N.D.	N.D.	0.020	N.D.	0.006	0.017	0.017	
33 アルミニウム及其化合物	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.	
34 鉄及其化合物	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.	
35 銅及其化合物	1.0mg/l以下	0.01mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	0.01	N.D.	0.02	0.01	
36 ナトリウム及其化合物	200mg/l以下	1.0mg/l	9.0	10.0	10.0	10.0	9.6	9.9	9.4	9.7	9.2	
37 マンガン及其化合物	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.	
38 塩化物イオン	200mg/l以下	0.2mg/l	9.5	9.4	9.9	10.6	10.0	10.2	9.8	10.1	9.6	
39 カルシウム、マグネシウム等(硬度)	300mg/l以下	5mg/l	61	58	67	59	61	62	59	61	55.9	
40 蒸発残留物	500mg/l以下	20mg/l	110	104	114	108	115	116	109	115	106	
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.	
42 ジェオスミン	0.0001mg/l以下	0.00001mg/l	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	0.000001mg/l	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.	
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.	
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.	
47 pH	5.8以上8.6以下	—	6.4	6.7	6.4	6.5	6.5	6.5	6.6	6.9	7.1	
48 味	異常でないこと	—						異常なし	異常なし	異常なし	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	
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.	
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.	
残留塩素	遊離0.1mg/l以上	- mg/l						0.3	0.3	0.2	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.	
カルシウム硬度	- mg/l	- mg/l	38.0	33.0	39.3	35.5	37.8	37.7	36.4	37.2	34.6	
総酸度	- mg/l	- mg/l	41.9	23.4	39.9	31.2	38.0	40.9	30.2	17.5	9.7	
総アルカリ度	- mg/l	- mg/l	52.1	57.1	59.1	58.1	57.1	66.1	58.1	57.1	56.1	
遊離炭酸	20mg/l以下(目標値)	- mg/l	36.9	20.6	35.1	27.5	33.4	36.0	26.6	15.4	8.5	
浸食性遊離炭酸	- mg/l	- mg/l	32.9	18.5	31.0	24.4	29.6	31.2	23.7	13.8	7.4	
ランゲリア指数	-1程度極力0(目標値)	—	-2.23	-1.97	-2.15	-2.07	-2.13	-2.04	-2.01	-1.84	-1.58	
電気伝導率	- μs/cm	- μs/cm	178	165	179	169	172	173	176	171	172	
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	
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	

※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)