Gunsan k-water quality test results

(November, 2024)

○ Water sampling date : November 4. ~ November 5.

○ Test period : November 4. ~ November 30.

No.	Test items	water standards	Test results		No.	Test items	water standards	Test results	
			Water Plant	Gunsan water				Water Plant	Gunsan water
1	Bacteria	100CFU/㎖Less	**0**	**0**	31	1,2dibromo-3-chloropropane	0.003㎎/ℓLess	**ND**	**ND**
2	Total Coliforms	ND/100㎖	**ND**	**ND**	32	1,4-dioxane	0.05㎎/ℓLess	**ND**	**ND**
3	E.coli	ND/100㎖	**ND**	**ND**	33	Residual chlorine	4.0㎎/ℓLess	**0.96**	**0.69**
4	Pb	0.01㎎/ℓLess	**ND**	**ND**	34	Trihalomethanes	0.1㎎/ℓLess	**0.018**	**0.024**
5	F	1.5㎎/ℓLess	**ND**	**ND**	35	chloroform	0.08㎎/ℓLess	**0.014**	**0.019**
6	As	0.01㎎/ℓLess	**ND**	**ND**	36	bromodichloromethane	0.03㎎/ℓLess	**ND**	**ND**
7	Se	0.01㎎/ℓLess	**ND**	**ND**	37	dibromochloromethane	0.1㎎/ℓLess	**ND**	**ND**
8	Hg	0.001㎎/ℓLess	**ND**	**ND**	38	chloralhydrate	0.03㎎/ℓLess	**0.0024**	**0.0037**
9	CN	0.01㎎/ℓLess	**ND**	**ND**	39	Dibromoacetonitrile	0.1㎎/ℓLess	**ND**	**ND**
10	Cr	0.05㎎/ℓLess	**ND**	**ND**	40	Dichloroacetonitrile	0.09㎎/ℓLess	**0.0018**	**0.0021**
11	NH_3-N	0.5㎎/ℓLess	**ND**	**ND**	41	Trichloroacetonitrile	0.004㎎/ℓLess	**ND**	**ND**
12	NO_3-N	10㎎/ℓLess	**1.1**	**1.1**	42	Haloaceticacid	0.1㎎/ℓLess	**0.012**	**0.020**
13	Cd	0.005㎎/ℓLess	**ND**	**ND**	43	Formaldehyde	0.5㎎/ℓLess	**ND**	**ND**
14	B	1.0㎎/ℓLess	**0.01**	**0.02**	44	Hardness	300㎎/ℓLess	**26**	**26**
15	Bromate	0.01㎎/ℓLess	**0.0007**	**0.0007**	45	Donsumption of ptassium permanganate	10㎎/ℓLess	**1.3**	**1.4**
16	Phenol	0.005㎎/ℓLess	**ND**	**ND**	46	Smell	only the raw smell of disinfection	**None**	**None**
17	Diazinon	0.02㎎/ℓLess	**ND**	**ND**	47	Taste	only the raw taste of disinfection	**None**	**None**
18	Parathion	0.06㎎/ℓLess	**ND**	**ND**	48	Cu	1㎎/ℓLess	**ND**	**0.008**
19	Fenitrothion	0.04㎎/ℓLess	**ND**	**ND**	49	Color	5 Less	**ND**	**ND**
20	Carbaryl	0.07㎎/ℓLess	**ND**	**ND**	50	ABS	0.5㎎/ℓLess	**ND**	**ND**
21	1.1.1-Trichloroethane	0.1㎎/ℓLess	**ND**	**ND**	51	pH	5.8 ~ 8.5	**7.0**	**7.2**
22	Tertachloroethylene	0.01㎎/ℓLess	**ND**	**ND**	52	Zn	3㎎/ℓLess	**0.002**	**0.017**
23	Trichloroethylene	0.03㎎/ℓLess	**ND**	**ND**	53	Cl^-	250㎎/ℓLess	**10.7**	**10.5**
24	Dichloromethane	0.02㎎/ℓLess	**ND**	**ND**	54	Residue on evaporation	500㎎/ℓLess	**67**	**65**
25	Benzene	0.01㎎/ℓLess	**ND**	**ND**	55	Fe	0.3㎎/ℓLess	**ND**	**ND**
26	Toluene	0.7㎎/ℓLess	**ND**	**ND**	56	Mn	0.05㎎/ℓLess	**ND**	**ND**
27	Ethylbenzene	0.3㎎/ℓLess	**ND**	**ND**	57	Turbidity	0.5NTULess	**0.04**	**0.06**
28	Xylene	0.5㎎/ℓLess	**ND**	**ND**	58	SO_4^{2-}	200㎎/ℓLess	**5**	**5**
29	1.1-Dichloroethylene	0.03㎎/ℓLess	**ND**	**ND**	59	Al	0.2㎎/ℓLess	**ND**	**ND**
30	Tetrchlorocarbon	0.002㎎/ℓLess	**ND**	**ND**					
Test results			Suitable	Suitable	Test results			Suitable	Suitable