Gunsan k-water quality test results

(October, 2026)

○ Water sampling date: October 6.

○ Test period: October 6. ~ October 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/mℓLess	**0**	**0**	31	Xylene	0.5mg/ℓLess	**ND**	**ND**
2	Total Coliforms	ND/100mℓ	**ND**	**ND**	32	1.1-Dichloroethylene	0.03mg/ℓLess	**ND**	**ND**
3	E.coli	ND/100mℓ	**ND**	**ND**	33	Tetrchlorocarbon	0.002mg/ℓLess	**ND**	**ND**
4	Pb	0.01mg/ℓLess	**ND**	**ND**	34	1,2dibromo-3-chloropropane	0.003mg/ℓLess	**ND**	**ND**
5	F	1.5mg/ℓLess	**ND**	**ND**	35	chloralhydrate	0.03mg/ℓLess	0.0054	0.0088
6	As	0.01mg/ℓLess	**ND**	**ND**	36	Dibromoacetonitrile	0.1mg/ℓLess	**ND**	**ND**
7	Se	0.01mg/ℓLess	**ND**	**ND**	37	Dichloroacetonitrile	0.09mg/ℓLess	0.0027	0.0036
8	Hg	0.001mg/ℓLess	**ND**	**ND**	38	Trichloroacetonitrile	0.004mg/ℓLess	**ND**	0.0006
9	CN	0.01mg/ℓLess	**ND**	**ND**	39	Haloaceticacid	0.1mg/ℓLess	0.020	0.021
10	Cr	0.05mg/ℓLess	**ND**	**ND**	40	Residual chlorine	4.0mg/ℓLess	0.91	0.59
11	NH_3-N	0.5mg/ℓLess	**ND**	**ND**	41	Hardness	300mg/ℓLess	38	37
12	NO_3-N	10mg/ℓLess	1.1	1.1	42	Donsumption of ptassium permanganate	10mg/ℓLess	1.6	1.8
13	B	1.0mg/ℓLess	**ND**	**ND**	43	Smell	only the raw smell of disinfection	**None**	**None**
14	Cd	0.005mg/ℓLess	**ND**	**ND**	44	Taste	only the raw taste of disinfection	**None**	**None**
15	Phenol	0.005mg/ℓLess	**ND**	**ND**	45	Cu	1mg/ℓLess	**ND**	0.005
16	Diazinon	0.02mg/ℓLess	**ND**	**ND**	46	Color	5 Less	**ND**	1
17	Parathion	0.06mg/ℓLess	**ND**	**ND**	47	ABS	0.5mg/ℓLess	**ND**	**ND**
18	Fenitrothion	0.04mg/ℓLess	**ND**	**ND**	48	pH	5.8 ~ 8.5	7.1	6.9
19	Carbaryl	0.07mg/ℓLess	**ND**	**ND**	49	Zn	3mg/ℓLess	**ND**	0.007
20	Trihalomethanes	0.1mg/ℓLess	0.025	0.030	50	Cl^-	250mg/ℓLess	17.6	17.6
21	chloroform	0.08mg/ℓLess	0.018	0.023	51	Residue on evaporation	500mg/ℓLess	73	56
22	1.1.1-Trichlorethane	0.1mg/ℓLess	**ND**	**ND**	52	Fe	0.3mg/ℓLess	**ND**	**ND**
23	Tertachloroethylene	0.01mg/ℓLess	**ND**	**ND**	53	Mn	0.05mg/ℓLess	**ND**	**ND**
24	Trichloroethylene	0.03mg/ℓLess	**ND**	**ND**	54	Turbidity	0.5NTULess	0.05	0.23
25	bromodichloromethane	0.03mg/ℓLess	0.006	0.007	55	SO_4^{2-}	200mg/ℓLess	6	6
26	dibromochloromethane	0.1mg/ℓLess	**ND**	**ND**	56	Al	0.2mg/ℓLess	**ND**	**0.02**
27	Dichloromethane	0.02mg/ℓLess	**ND**	**ND**	57	1,4-dioxane	0.05mg/ℓLess	**ND**	**ND**
28	Benzene	0.01mg/ℓLess	**ND**	**ND**	58	Formaldehyde	0.5mg/ℓLess	**ND**	**ND**
29	Toluene	0.7mg/ℓLess	**ND**	**ND**	59	Bromate	0.01mg/ℓLess	0.0007	0.0007
30	Ethylbenzene	0.3mg/ℓLess	**ND**	**ND**					
Test results			**Suitable**	**Suitable**	**Test results**			**Suitable**	**Suitable**