

Government of West Bengal
Office of the Assistant Engineer, RWS Burdwan Sub Division, P.H.E.Dte.
P.H.E. Complex, Nababhat, PurbaBardhaman.
Burdwan District Laboratory

Results of Chemical & Bacteriological Analysis of Water Sample

Water sample of ----- Kendriya Vidyalaya, Burdwan
Keshabganj Chatti, Kamal Sayer
Goda, Purba Bardhaman
Samples received from ----- Abhijit Saha (Principal)
Sample Collected by ----- Sampling Assistant of Burdwan District Laboratory
Sample Taken from ----- Submercible
Sample received on ----- 05.10.2023.
Sample reference no ----- 10781

Parameters	Observed Values	Limits as par IS 10500-2012 (Second revision)	
		Acceptable limit	Permissible limit
<u>Chemical Analysis</u>			
pH value	7.58	6.5 to 8.5	6.5 to 8.5
Turbidity (NTU)	3.73	1	5
Total Dissolved Solids (mg/l)	315	500	2000
Total Hardness as CaCO ₃ (mg/l)	136	200	600
Iron (mg/l)	0.44	0.30	1.00
Manganese (mg/l)	0.06	0.10	0.30
Arsenic (mg/l)	BDL	0.01	0.05
<u>Bacteriological Analysis</u>			
Total Coliform Count (CFU/100ML)	53*	0	0
E.coliCount (CFU/100ML)	4*	0	0
BDL- Below Detectable Limit			

BDL- Below Detectable Limit

*Above Permissible limits

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11/10/2023
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