



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-12-2022

Test No: 1262

Weather: Sunny

SI No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 9:15 AM	Sampling Time: 9:20 AM	Sampling Time: 9:45 AM	Sampling Time: 10:20 AM	Sampling Time: 10:38 AM	Sampling Time: 10:49 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.8	22.8	23	23
2	pH		day	6.5-8.5				8.19	8.1	7.99	7.93
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.6	21.7	21.5	3.12	0.37	0.34
4	Color	pt-co	day	15	Portable analyser-AQ3700			85	21	17	9
5	Suspended Solid	mg/L	day	...				29	11	11	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322			193.1		193.7	
8	Salinity	PSU	Once a week	...				0.239		0.24	
9	Conductivity	µS/cm	Once a week	...				393.1		394.3	
10	Resistivity	Ω-cm	Once a week	...				2544		2536	
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20	20	20		

Remark: