



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 19-01-2023

Test No: 1290

Weather: Hazy Sunshine

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: 10:30 AM	Sampling Time: 10:35 AM	Sampling Time: 10:48 AM	Sampling Time: 11:15 AM	Sampling Time: 11:35 AM	Sampling Time: 11:42 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.1	21.2	21.1	21.2		
2	pH		day	6.5-8.5				8.22	8.19	8.11	8.01		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	32.9	18.51	18	1.81	0.32	0.25		
4	Color	pt-co	day	15	Portable analyser-AQ3700			84	22	11	11		
5	Suspended Solid	mg/L	day	...				26	9	9	1	0	0
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								230.4
8	Salinity	PSU	Once a week	...									0.276
9	Conductivity	µS/cm	Once a week	...									469.3
10	Resistivity	Ω-cm	Once a week	...									2131
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: