



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-02-2023

Test No: 1304

Weather: Sunny

Sl 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: 9:24 AM	Sampling Time: 9:40 AM	Sampling Time: 10:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:22 AM	Sampling Time: 11:32 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.8	21.9	22	22.3		
2	pH		day	6.5-8.5				8.22	8.11	8.1	8.09		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45.3	15.2	15	1.46	0.13	0.1		
4	Color	pt-co	day	15	Portable analyser-AQ3700			88	5	0	0		
5	Suspended Solid	mg/L	day	...				48	13	13	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								230.8
8	Salinity	PSU	Once a week	...									0.277
9	Conductivity	µS/cm	Once a week	...									470
10	Resistivity	Ω-cm	Once a week	...									2128
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: