



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-01-2023

Test No: 1297

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: 8:58 AM	Sampling Time: 9:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.4	22.3	22.2	22.7		
2	pH		day	6.5-8.5				8.28	8.08	7.92	7.97		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	58.8	16.9	16.7	1.58	0.2	0.1		
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	10	0	0		
5	Suspended Solid	mg/L	day	...				61	13	13	1	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								231.4
8	Salinity	PSU	Once a week	...									0.277
9	Conductivity	µS/cm	Once a week	...									471.2
10	Resistivity	Ω-cm	Once a week	...									2122
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: