



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-01-2023

Test No: 1283

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: 8:55 AM	Sampling Time: 9:10 AM	Sampling Time: 9:45 AM	Sampling Time: 10:12 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			20.2	19.9	20.2	20.4		
2	pH		day	6.5-8.5				8.21	8.13	8.05	7.99		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.2	15.54	14.2	2.12	0.38	0.35		
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	23	0	0		
5	Suspended Solid	mg/L	day	...				55	16	16	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								219.7
8	Salinity	PSU	Once a week	...									0.265
9	Conductivity	µS/cm	Once a week	...									447.4
10	Resistivity	Ω-cm	Once a week	...									2235
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: