



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-10-2023

Test No: 1549

Weather: Rain

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: 09:30 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 01:00 PM	Sampling Time: 01:10 PM	Sampling Time: 01:20 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			26	26.2	26	26.1		
2	pH		day	6.5-8.5				8.14	7.97	7.86	7.72		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	192	33.2	32.9	9	0.99	0.55		
4	Color	pt-co	day	15	Portable analyser-AQ3700			200	94	18	15		
5	Suspended Solid	mg/L	day	...				162	32	32	10	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								123.3
8	Salinity	PSU	Once a week	...									0.172
9	Conductivity	µS/cm	Once a week	...									250.6
10	Resistivity	Ω-cm	Once a week	...									3990
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40		
Remark:													