



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-02-2023

Test No: 1311

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: 9:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.8	23.8	23.8	24.2		
2	pH		day	6.5-8.5				7.91	7.8	7.7	7.66		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45.9	9.12	8.81	1.56	0.26	0.12		
4	Color	pt-co	day	15	Portable analyser-AQ3700			57	9	0	0		
5	Suspended Solid	mg/L	day	...				46	8	8	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								223.6
8	Salinity	PSU	Once a week	...									0.27
9	Conductivity	µS/cm	Once a week	...									455.2
10	Resistivity	Ω-cm	Once a week	...									2197
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: