



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-02-2023

Test No: 1325

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: 10:30 AM	Sampling Time: 09:38 AM	Sampling Time: 10:45 AM	Sampling Time: 11:18 AM	Sampling Time: 11:32 AM	Sampling Time: 11:45 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.5	24.5	24.5	24.9		
2	pH		day	6.5-8.5				7.7	7.54	7.56	7.54		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85	12.84	12.5	1.7	0.16	0.16		
4	Color	pt-co	day	15	Portable analyser-AQ3700			62	27	0	0		
5	Suspended Solid	mg/L	day	...				79	8	8	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								224.1
8	Salinity	PSU	Once a week	...									0.207
9	Conductivity	µS/cm	Once a week	...									456.3
10	Resistivity	Ω-cm	Once a week	...									2192
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	
Remark:													