



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-02-2023

Test No: 1306

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: 2:50 PM	Sampling Time: 1:50 PM	Sampling Time: 2:55 PM	Sampling Time: 3:35 PM	Sampling Time: 3:45 PM	Sampling Time: 3:51 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.6	22.7	23.8	23.3	
2	pH		day	6.5-8.5				7.92	7.74	7.86	7.77	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	160	12.6	12.4	1.62	0.19	0.11	
4	Color	pt-co	day	15	Portable analyser-AQ3700			69	7	0	0	
5	Suspended Solid	mg/L	day	...				112	9	9	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												