



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-09-2023

Test No: 1542

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: 08:50 AM	Sampling Time: 09:30 AM	Sampling Time: 09:40 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			29.3	29.5	29.1	28.9		
2	pH		day	6.5-8.5				8.19	8.08	7.96	7.86		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	88.8	32.8	32.6	1.85	0.74	0.24		
4	Color	pt-co	day	15	Portable analyser-AQ3700			165	26	14	7		
5	Suspended Solid	mg/L	day	...				78	28	28	2	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								125.1
8	Salinity	PSU	Once a week	...									0.174
9	Conductivity	µS/cm	Once a week	...									254.2
10	Resistivity	Ω-cm	Once a week	...									3934
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					40	
Remark:													