



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 08-02-2024

Test No: 1675

Weather: Sunny

Sl 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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.5	22.5	22.7	22.4	
2	pH		day	6.5-8.5				8.1	7.89	7.78	7.69	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.9	10.1	9.9	1.5	0.37	0.12	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			47	19	7	3	
5	Suspended Solid	mg/L	day	...				31	6	6	1	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	Orion Star™ A222 & A322	198.2	184.3					186.4
8	Salinity	PSU	Once a week	...								0.232
9	Conductivity	µS/cm	Once a week	...								379.3
10	Resistivity	Ω-cm	Once a week	...								2637
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												