



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 11-08-2024

Test No: 1859

Weather: Rain

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 11:00 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	27.5	27.4	27.2
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	344	70.7	70.6	1.96	0.59	0.32
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			416	39	15	12
5	Suspended Solid	mg/L	day	...				316	65	65	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						102
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	119.4	119				122.8
<b>Remark:</b>											