



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-06-2024

Test No: 1797

Weather: Sunny

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: 09:50 AM	Sampling Time: 10:40 AM	Sampling Time: 11:10 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			30.3	30.3	30.2	29.9		
2	pH		day	6.5-8.5				8.5	8.1	8	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	82.7	33.9	33.8	1.85	0.68	0.34		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			164	21	12	6		
5	Suspended Solid	mg/L	day	...				75	25	25	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						490		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						250	430	440
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						757.6	761.7	790.5
<b>Remark:</b>													