



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 14-02-2024

Test No: 1681

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: 10:10 AM	Sampling Time: 10:42 AM	Sampling Time: 10:36 AM	Sampling Time: 12:25 PM	Sampling Time: 12:35 PM	Sampling Time: 12:45 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.2	25	24.5	24.8
2	pH		day	6.5-8.5				8.12	8.01	7.95	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.9	21.4	21	1.89	0.17	0.07
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	8	3	0
5	Suspended Solid	mg/L	day	...				49	17	17	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	190.2	187.4				188.1
<b>Remark:</b>											