



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-02-2024

Test No: 1691

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: 08: 50 AM	Sampling Time: 09:10 AM	Sampling Time: 09:30 AM	Sampling Time: 10:10 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24	23.5	23.7	23.5		
2	pH		day	6.5-8.5				8.12	7.98	7.7	7.69		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	95	14.3	13.3	1.35	0.57	0.08		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			60	11	4	3		
5	Suspended Solid	mg/L	day	...				90	10	10	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						2.07		
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.7		
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						0.007		
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						40	40	40
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						212.3	199.4	200.5
Remark:													