



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-12-2023

Test No: 1628

Weather: Partly Cloudy

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: 09:15 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:32 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.2	23	22.9	22.8		
2	pH		day	6.5-8.5				8.01	7.95	7.68	7.59		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	42.5	16	15.09	1.75	0.3	0.12		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			45	11	2	1		
5	Suspended Solid	mg/L	day	...				40	13	13	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						4.36		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						195.2	181.5	183
<b>Remark:</b>													