



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 16-12-2023

Test No: 1621

Weather: Sunny

SI 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: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.9	24	23.5	23.4
2	pH		day	6.5-8.5				8.12	8.02	7.96	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	69.5	14.5	13.4	1.32	0.56	0.13
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			103	31	12	7
5	Suspended Solid	mg/L	day	...				78	15	15	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						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	211.4	174.5				175.5
<b>Remark:</b>											