



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 31-12-2023

Test No: 1636

Weather: 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: 10:12 AM	Sampling Time: 10:30 AM	Sampling Time: 10:38 AM	Sampling Time: 11:02 AM	Sampling Time: 11:19 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22	22.3	22.5	22.6
2	pH		day	6.5-8.5				8.1	8.02	7.95	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	350	17.92	17	1.05	0.62	0.25
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			60	15	10	0
5	Suspended Solid	mg/L	day	...				348	17	17	0
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		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	195.8	183.3				
Remark:											