



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 08-12-2023

Test No: 1613

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: 12:30 PM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.6	25.3	25.6	25.3
2	pH		day	6.5-8.5				8.07	7.81	7.77	7.69
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.7	11.1	10.7	1.87	0.43	0.35
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			65	34	12	8
5	Suspended Solid	mg/L	day	...				64	8	8	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	180.3	158.6			159.1	

Remark: