



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 22-12-2023

Test No: 1626

Weather: Mostly 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: 09:57 AM	Sampling Time: 09:40 AM	Sampling Time: 10:03 AM	Sampling Time: 10:42 AM	Sampling Time: 10:50 AM	Sampling Time: 10:55 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.2	23.7	23.1	23.5
2	pH		day	6.5-8.5				8.01	7.86	7.72	7.66
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	39.2	13.7	13.6	1.72	0.47	0.34
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			77	26	9	5
5	Suspended Solid	mg/L	day	...				34	10	10	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	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	197.9	181.3				
Remark:											