



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 22-01-2024

Test No: 1658

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: 09:10 AM	Sampling Time: 09:00 AM	Sampling Time: 10:01 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 10:58 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			18.8	19.3	19.7	19.4		
2	pH		day	6.5-8.5				8.1	7.91	7.79	7.62		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	61.4	12.8	12.7	1.76	0.89	0.18		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	25	14	5		
5	Suspended Solid	mg/L	day	...				55	9	9	1	0	0
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						0.38		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						183.8	177.5	180.8
Remark:													