



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-01-2024

Test No: 1651

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: 10:26 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:05 AM	Sampling Time: 11:19 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.6	21.1	21.3	20.8		
2	pH		day	6.5-8.5				8.07	7.9	7.69	7.59		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	34.2	18.8	18.7	1.89	0.33	0.14		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			43	29	7	3		
5	Suspended Solid	mg/L	day	...				21	12	12	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								0.28
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	173.2	177.8						181.7

Remark: