



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 31-01-2024

Test No: 1667

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: 10:28 AM	Sampling Time: 10:39 AM	Sampling Time: 10:47 AM	Sampling Time: 11:08 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.9	21	21.5	21.8		
2	pH		day	6.5-8.5				8.15	8.05	7.98	7.77		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	57.2	18.6	15.8	1.29	0.28	0.1		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			96	20	3	0		
5	Suspended Solid	mg/L	day	...				44	12	12	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310								170
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	186.5	177.9						180.3
Remark:													