



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-01-2024

Test No: 1663

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: 08:20 AM	Sampling Time: 08:40 AM	Sampling Time: 10:02 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 10:50 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.8	20.9	21.2	21		
2	pH		day	6.5-8.5				8.1	8.02	7.99	7.85		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.1	18.61	18	1.56	0.49	0.28		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			58	25	0	0		
5	Suspended Solid	mg/L	day	...				50	15	15	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						4.28		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						179.9	179.3	181.8
Remark:													