



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-02-2024

Test No: 1679

Weather: Sunny

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:30 AM	Sampling Time: 12:08 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.2	23.7	23.9	23.5
2	pH		day	6.5-8.5				8.15	8.05	7.99	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.3	21.2	19.2	1.89	0.5	0.15
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			64	2	0	0
5	Suspended Solid	mg/L	day	...				39	19	19	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	191.5	186.2				
Remark:											