



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-01-2024

Test No: 1644

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: 10:15 AM	Sampling Time: 10:25 AM	Sampling Time: 10:35 AM	Sampling Time: 11:00 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.1	22.2	22.5	23
2	pH		day	6.5-8.5				8.2	7.98	7.88	7.65
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85	19.6	18.3	1.9	0.3	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			58	26	4	1
5	Suspended Solid	mg/L	day	...				68	18	18	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	181.2	179				