



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-12-2023

Test No: 1610

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: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:02 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.2	25.6	25.4	25.7
2	pH		day	6.5-8.5				8.1	7.91	7.81	7.73
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	68.4	12.4	12.3	1.67	0.6	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	30	15	14
5	Suspended Solid	mg/L	day	...				64	10	10	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	175.3	154.4	40	155.6		
Remark:											