



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-11-2023

Test No: 1600

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: 08:14 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.8	25.2	26.7	27
2	pH		day	6.5-8.5				8.12	8.08	7.88	7.71
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.2	11.3	10.4	1.47	0.95	0.21
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			95	25	16	11
5	Suspended Solid	mg/L	day	...				60	13	13	1
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						5.44
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.8
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						0.006
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	159.2	143.1				144.1
Remark:											