



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-12-2023

Test No: 1635

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: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 12:10 PM	Sampling Time: 01:50 PM	Sampling Time: 02:03 PM	Sampling Time: 02:10 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.2	24.9	24.2	24.4
2	pH		day	6.5-8.5				8.09	7.89	7.74	7.68
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	245	13.7	13.5	1.61	0.63	0.43
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	24	8	6
5	Suspended Solid	mg/L	day	...				298	12	12	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						4.34
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						1.2
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						0.007
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	195.6	185.2	187			
Remark:											