



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-11-2023

Weather: Sunny

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 09:50 AM	Sampling Time: 09:55 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:05 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric		25.7	25.3	25.6	25.3
2	pH		day	6.5-8.5			8.07	7.89	7.71	7.69
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	11.12	10.92	1.72	0.5	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric		62	26	15	10
5	Suspended Solid	mg/L	day	...			7	7	1	0
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					2.68
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	134.9				136.6
Remark:										