



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-02-2024

Test No: 1669

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: 10:26 AM	Sampling Time: 10:39 AM	Sampling Time: 10:45 AM	Sampling Time: 11:10 AM	Sampling Time: 11:22 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24	23.1	23.5	23
2	pH		day	6.5-8.5				8.13	7.98	7.86	7.66
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	73.3	13.3	12.9	1.79	0.33	0.22
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			67	30	10	7
5	Suspended Solid	mg/L	day	...				67	9	9	2
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				40
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	192.6	181.6				181.3
Remark:											