



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-02-2024

Test No: 1671

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: 11:35 AM	Sampling Time: 10:17 AM	Sampling Time: 10:30 AM	Sampling Time: 11:03 AM	Sampling Time: 11:17 AM	Sampling Time: 11:25 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			21.9	22.1	22.8	22.5
2	pH		day	6.5-8.5				8.12	7.81	7.8	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	41.2	11.2	10.9	1.42	0.59	0.25
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			62	21	12	3
5	Suspended Solid	mg/L	day	...				32	7	7	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				40
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	199	180.5				182.6
Remark:											