



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-02-2024

Test No: 1685

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: 09:40 AM	Sampling Time: 09:52 AM	Sampling Time: 10:55 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM	Sampling Time: 11:52 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24	23.2	23.9	23.5
2	pH		day	6.5-8.5				8.18	8.08	7.98	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.7	12.2	11.8	1.35	0.3	0.18
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			57	12	3	3
5	Suspended Solid	mg/L	day	...				52	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	192.6	192.9				192.7
Remark:											