



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-01-2024

Test No: 1646

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: 09:10 AM	Sampling Time: 09:20 AM	Sampling Time: 09:40 AM	Sampling Time: 10:05 AM	Sampling Time: 10:20 AM	Sampling Time: 10:32 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			21.8	22.2	22.3	22.1
2	pH		day	6.5-8.5				8.1	7.89	7.73	7.62
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	34.8	13.7	13.3	1.8	0.4	0.11
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	23	9	3
5	Suspended Solid	mg/L	day	...				28	8	8	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	182.6	179.2			184.1	

Remark: