



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-01-2024

Test No: 1645

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: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:25 AM	Sampling Time: 11:06 AM	Sampling Time: 11:14 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22	22.3	22.5	22.6
2	pH		day	6.5-8.5				8.15	8.05	7.95	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85.9	16.7	15.6	1.86	0.34	0.11
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			66	5	0	0
5	Suspended Solid	mg/L	day	...				75	9	9	0
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		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	181	179.6				

Remark: