



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-08-2024

Test No: 1863

Weather: Cloudy

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: 09:35 AM	Sampling Time: 10:00 AM	Sampling Time: 11:05 AM	Sampling Time: 11:40 AM	Sampling Time: 11:55 AM	Sampling Time: 12:05 PM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.6	28.2	28.3	
2	pH		day	6.5-8.5				8	7.6	7.8	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	335	65.7	65.4	1.9	0.41	0.29	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			375	32	15	9	
5	Suspended Solid	mg/L	day	...				301	61	61	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	121	119					
8	Salinity	PSU	Once a week	...								122.4
9	Conductivity	µS/cm	Once a week	...								0.171
10	Resistivity	Ω-cm	Once a week	...								248.7
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					40
Remark:												