



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-08-2024

Test No: 1877

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: 09:25 AM	Sampling Time: 09:45 AM	Sampling Time: 10:30 AM	Sampling Time: 11:08 AM	Sampling Time: 11:21 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			25.7	25.5	25.7	28.6	
2	pH		day	6.5-8.5				8	7.7	7.7	7.7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	349	91.6	90.8	1.9	0.28	0.17	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			440	30	13	11	
5	Suspended Solid	mg/L	day	...				293	70	70	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	123.8	118.9					122.5
8	Salinity	PSU	Once a week	...								0.171
9	Conductivity	µS/cm	Once a week	...								248.9
10	Resistivity	Ω-cm	Once a week	...								4018
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												