



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-03-2025

Test No: 2061

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: 11:40 AM	Sampling Time: 10:05 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:28 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.6	26.3	26.1	26.3		
2	pH		day	6.5-8.5				8.7	8.2	8.2	8.1		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	74.3	15.2	14.9	1.85	0.47	0.27		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	21	19	12		
5	Suspended Solid	mg/L	day	...				42	11	10	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric								2.25
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	0.5							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	182.7	179.5						181.8
Remark:													