



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-09-2024

Test No: 1889

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: 9:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:37 AM	Sampling Time: 10:51 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.3	28.4	28.3	27.9
2	pH		day	6.5-8.5				8.1	7.9	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	278	46.8	46.7	1.98	0.63	0.13
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			236	60	15	9
5	Suspended Solid	mg/L	day	...				269	40	39	5
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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	121.8	121.2				

Remark: