



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-12-2024

Test No: 1977

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: 10:25 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			25.1	25.1	25.3	25.9
2	pH		day	6.5-8.5				8	7.7	7.8	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	94	15.6	15.4	1.98	0.45	0.23
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	40	16	11
5	Suspended Solid	mg/L	day	...				69	13	13	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	164.2	160.9				
Remark:											