



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-10-2024

Test No: 1935

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: 02:10 PM	Sampling Time: 02:20 PM	Sampling Time: 02:25 AM	Sampling Time: 02:39 PM	Sampling Time: 02:45 PM	Sampling Time: 02:50 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.1	29.3	29.7	29.4
2	pH		day	6.5-8.5				7.8	7.6	7.7	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	118	29.5	29.4	1.92	0.74	0.53
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			127	35	22	14
5	Suspended Solid	mg/L	day	...				78	18	18	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						0.26
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.5
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						0.008
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	128.3	125.7				127.3
Remark:											