



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-09-2024

Test No: 1886

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: 09:15 AM	Sampling Time: 09:42 AM	Sampling Time: 10:01 AM	Sampling Time: 10:38 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.8	28.7	28.4	28
2	pH		day	6.5-8.5				8.1	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	290	46.6	45.2	1.94	0.21	0.1
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			246	19	13	8
5	Suspended Solid	mg/L	day	...				261	38	38	1
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						3.87
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.9
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						0.007
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	124	120.7				124.9
Remark:											