



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-12-2024

Test No: 1975

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: 08:05 AM	Sampling Time: 08:28 AM	Sampling Time: 09:30 AM	Sampling Time: 10:02 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			25.2	25	25.7	25.1	
2	pH		day	6.5-8.5				8	7.8	7.9	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	93.3	16.9	15.5	1.9	0.42	0.41	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			52	27	23	11	
5	Suspended Solid	mg/L	day	...				69	14	13	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	165.7	158.5					
8	Salinity	PSU	Once a week	...								159
9	Conductivity	µS/cm	Once a week	...								0.206
10	Resistivity	Ω-cm	Once a week	...								323.6
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												