



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-10-2024

Test No: 1926

Weather: Partly Cloudy

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: 09:48 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.6	30.2	29.9	29.6	
2	pH		day	6.5-8.5				7.8	7.4	7.6	7.6	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	299	27.7	27.3	1.84	0.3	0.15	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			127	18	12	7	
5	Suspended Solid	mg/L	day	...				250	21	21	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	125.9	122.9					
8	Salinity	PSU	Once a week	...								124.6
9	Conductivity	μS/cm	Once a week	...								0.173
10	Resistivity	Ω-cm	Once a week	...								253.2
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					
Remark:												