



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-12-2024

Test No: 1979

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: 11:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			24.8	24.8	24.9	25.4		
2	pH		day	6.5-8.5				8.1	7.8	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	72.9	20.8	20.7	1.98	0.56	0.15		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			98	43	20	7		
5	Suspended Solid	mg/L	day	...				55	14	14	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Aluminium	mg/L	Once a week	<0.2	Eriochrome Cyanine R Method1								0.011
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	166.5	160.5						163.3
Remark:													