



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-11-2024

Test No: 1958

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: 10:21 AM	Sampling Time: 10:38 AM	Sampling Time: 10:50 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.7	26.7	26.9	27.3		
2	pH		day	6.5-8.5				8.1	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	136	18.2	18.1	1.92	0.93	0.25		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			75	29	19	14		
5	Suspended Solid	mg/L	day	...				87	14	14	2	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 Method I						0.014		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						158	140.4	142.4
Remark:													