



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-12-2024

Test No: 1980

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: 09:40 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:18 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric	/		24.8	25.1	25.2	25.5
2	pH		day	6.5-8.5				8.1	7.8	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	87.4	16.8	16.6	1.92	0.72	0.28
4	Color	pt-co	day	15	Orion AQ3700/ Photometric	/		82	38	20	14
5	Suspended Solid	mg/L	day	...				69	12	12	2
6	Taste and Odour		day	Odorless	Manual	/		Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30	/	
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	167.2	162.2	/			
Remark:											