



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-12-2024

Test No: 1974

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: 07:50 AM	Sampling Time: 09:40 AM	Sampling Time: 09:50 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			25.6	25.8	25.6	26.4		
2	pH		day	6.5-8.5				7.9	7.8	7.9	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.9	23.1	21.8	1.98	0.49	0.17		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			87	41	17	4		
5	Suspended Solid	mg/L	day	...				49	18	18	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						74		
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						154.1		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						173.6	158.5	158.9
Remark:													