



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-11-2024

Test No: 1964

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: 11:44 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:15 AM	Sampling Time: 11:22 AM	Sampling Time: 11:28 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.1	26	26.4	26.6		
2	pH		day	6.5-8.5				7.8	7.6	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	72.4	11.9	11.8	1.62	0.43	0.19		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			60	18	15	7		
5	Suspended Solid	mg/L	day	...				34	8	8	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						120		
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						104		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						167.4	147.1	148.1
Remark:													