



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-12-2024

Test No: 1971

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:36 AM	Sampling Time: 10:48 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric	/		25.8	25.3	25.5	25.9		
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	100	19.7	19.3	1.24	0.32	0.13		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric	/		62	16	14	6		
5	Suspended Solid	mg/L	day	...				55	17	16	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			/		/			135.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	176.2	156.1						157.9
Remark:													