



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-10-2024

Test No: 1928

Weather: Rain

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: 01:22 PM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:50 PM	Sampling Time: 01:00 PM	Sampling Time: 01:08 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.1	29	28.9	29.3		
2	pH		day	6.5-8.5				7.8	7.6	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	356	28.4	28.2	1.98	0.83	0.16		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			123	39	14	9		
5	Suspended Solid	mg/L	day	...				289	18	18	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						0.32		
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.6		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						125.2	121.5	124.7
Remark:													