



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 30-11-2024

Test No: 1970

Weather: Cloudy

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: 07:20 AM	Sampling Time: 08:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			25.6	25.5	25.9	26
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	76.2	19.9	18.5	1.88	0.37	0.26
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			63	16	12	7
5	Suspended Solid	mg/L	day	...				51	18	18	1
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						
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	171.4	153.9				
Remark:											