



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-11-2024

Test No: 1949

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: 11:55 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:25 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.7	28.6	28.4	29
2	pH		day	6.5-8.5				7.8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	70.1	12.9	12.7	1.98	0.98	0.64
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			64	45	34	15
5	Suspended Solid	mg/L	day	...				43	7	7	2
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	0.5					
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	0.007					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	144.7	132.6				132.5
<b>Remark:</b>											