



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-11-2024

Test No: 1961

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: 06:50 AM	Sampling Time: 07:50 AM	Sampling Time: 09:20 AM	Sampling Time: 09:48 AM	Sampling Time: 10:00 AM	Sampling Time: 10:12 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.2	25.8	26.2	26	
2	pH		day	6.5-8.5				7.8	7.5	7.4	7.5	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	142	15.2	14.8	1.89	0.42	0.21	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			82	18	15	12	
5	Suspended Solid	mg/L	day	...				95	12	11	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	160.9	143.8					144.2
8	Salinity	PSU	Once a week	...								0.192
9	Conductivity	µS/cm	Once a week	...								293.3
10	Resistivity	Ω-cm	Once a week	...								3409
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
<b>Remark:</b>												