



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-11-2024

Test No: 1968

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: 11:10 AM	Sampling Time: 10:00 AM	Sampling Time: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.2	26.1	26.2	26.3	
2	pH		day	6.5-8.5				7.9	7.8	7.8	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	66.5	15.4	14	1.31	0.64	0.2	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			47	27	25	14	
5	Suspended Solid	mg/L	day	...				45	13	12	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	172.2	151.8					151.5
8	Salinity	PSU	Once a week	...								0.199
9	Conductivity	µS/cm	Once a week	...								308.1
10	Resistivity	Ω-cm	Once a week	...								3245
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
<b>Remark:</b>												