



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 12-09-2024

Test No: 1891

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: 09:55 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:08 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.1	28	28.1	28.3	
2	pH		day	6.5-8.5				8	7.7	7.8	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	359	48.6	48.4	1.94	0.53	0.16	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			342	36	14	7	
5	Suspended Solid	mg/L	day	...				295	39	39	2	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	122.1	121.2					126.5
8	Salinity	PSU	Once a week	...								0.175
9	Conductivity	µS/cm	Once a week	...								257.2
10	Resistivity	Ω-cm	Once a week	...								3887
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
<b>Remark:</b>												