



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 11-09-2024

Test No: 1890

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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.9	29.7	30.1	29.8
2	pH		day	6.5-8.5				8	7.6	7.8	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	320	46.9	46.8	1.98	0.97	0.36
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			247	37	15	10
5	Suspended Solid	mg/L	day	...				210	40	40	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						65
8	Magnesium	mg/L	Once a week	30-35							26.1
9	ORP	mv	Once a week	...	WTW pH/ ION 3310						181.2
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	128.8	121.2				124.8
Remark:											