



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 30-08-2024

Test No: 1878

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: 09:35 AM	Sampling Time: 09:48 AM	Sampling Time: 10:09 AM	Sampling Time: 10:38 AM	Sampling Time: 10:51 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.4	27.6	27.9	27.6		
2	pH		day	6.5-8.5				8.3	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	279	74.1	71.2	1.88	0.31	0.16		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			361	30	14	11		
5	Suspended Solid	mg/L	day	...				272	54	54	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1								0.14
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.4	119.3						124.7
<b>Remark:</b>													