



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-08-2024

Test No: 1871

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: 10:58 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:55 AM	Sampling Time: 12:05 PM	Sampling Time: 12:15 PM										
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	27	26.8	26.6										
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.8										
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	459	87.1	86.9	1.9	0.48	0.2										
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			474	33	15	12										
5	Suspended Solid	mg/L	day	...				437	79	79	1	0	0								
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable										
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1								0.33								
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2													8			
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration													30	30		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	114.3	123.4														
Remark:																					