



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-10-2024

Test No: 1937

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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.4	29.5	29.9	29.4		
2	pH		day	6.5-8.5				8	7.9	7.9	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	76.2	21.6	21.4	1.98	0.75	0.48		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			94	48	22	15		
5	Suspended Solid	mg/L	day	...				47	14	14	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1								0.075
8	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method	0.06							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	131.2	125.1						124.9
<b>Remark:</b>													