



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-08-2024

Test No: 1879

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: 09:30 AM	Sampling Time: 09:55 AM	Sampling Time: 10:00 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.3	28.9	29.3	29.1		
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	363	73.7	73.5	1.98	0.85	0.15		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			355	39	14	6		
5	Suspended Solid	mg/L	day	...				278	55	55	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric							1.28	
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	0.8							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30	
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.9	119.7					122.8	
Remark:													