



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-08-2024

Test No: 1875

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: 09:14 AM	Sampling Time: 09:50 AM	Sampling Time: 10:20 AM	Sampling Time: 10: 50 AM	Sampling Time: 11:05 AM	Sampling Time: 11:16 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.8	27.7	27.8	27.6		
2	pH		day	6.5-8.5				7.8	7.6	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	285	104	104	1.9	0.24	0.14		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			491	29	15	12		
5	Suspended Solid	mg/L	day	...				272	81	81	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1								20.8
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	120.2	118.6						122.2
Remark:													