



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-08-2024

Test No: 1870

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: 08:55 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.6	26	26.1	26.1	
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.1	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	524	106	105	1.92	0.51	0.25	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	19	8	4	
5	Suspended Solid	mg/L	day	...				509	88	88	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	116.3	119.9					125.2
8	Salinity	PSU	Once a week	...								0.174
9	Conductivity	µS/cm	Once a week	...								254.4
10	Resistivity	Ω-cm	Once a week	...								3930
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												