



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-08-2024

Test No: 1869

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: 10:09 AM	Sampling Time: 10:25 AM	Sampling Time: 10:37 AM	Sampling Time: 11:05 AM	Sampling Time: 11:19 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.2	27.2	27.1	27
2	pH		day	6.5-8.5				8.1	7.7	7.8	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	435	103.4	102	1.97	0.33	0.25
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	28	7	0
5	Suspended Solid	mg/L	day	...				448	95	95	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						74
8	Magnesium	mg/L	Once a week	30-35							17.1
9	ORP	mv	Once a week	...	WTW pH/ ION 3310						141
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	117.6	119.9				124.5
Remark:											