



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-10-2024

Test No: 1939

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: 09:55 AM	Sampling Time: 10:00 AM	Sampling Time: 10:12 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 10:52 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.1	30.3	30.1	30.3
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.6	16.4	16.1	1.76	0.41	0.29
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	30	14	9
5	Suspended Solid	mg/L	day	...				49	10	10	1
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						55
8	Magnesium	mg/L	Once a week	30-35							16.4
9	ORP	mv	Once a week	...	WTW pH/ ION 3310						186.1
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	131.7	126				127.8
Remark:											