



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-09-2024

Test No: 1909

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: 09:22 AM	Sampling Time: 09:38 AM	Sampling Time: 10:15 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.5	29.6	29.3	29.5
2	pH		day	6.5-8.5				8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	368	50.8	48.5	1.9	0.3	0.2
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			242	39	21	13
5	Suspended Solid	mg/L	day	...				319	39	39	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						0.027
8	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method						0.01
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.6	123				123.6
Remark:											