



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-09-2024

Test No: 1888

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: 10:10 AM	Sampling Time: 10:25 AM	Sampling Time: 10:40 AM	Sampling Time: 11:08 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.7	27.7	27.6	27.5
2	pH		day	6.5-8.5				8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	350	96	93.4	1.92	0.26	0.12
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			358	26	15	8
5	Suspended Solid	mg/L	day	...				299	61	61	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						0.011
8	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method						0.07
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	122.1	123.4				126.6

Remark: