



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-08-2024

Test No: 1867

Weather: Rain

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: 11:55 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 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	27.2	26.7	26.8
2	pH		day	6.5-8.5				8	7.6	7.7	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	485	87.7	87.5	1.9	0.82	0.34
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			488	36	15	9
5	Suspended Solid	mg/L	day	...				499	83	83	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method						0.02
8	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method I						0.31
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	126.4	119.9				123.8
Remark:											