



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-10-2024

Test No: 1938

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: 09:40 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:18 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.1	29.2	29.4	29.4
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	73.4	18.7	18.6	1.92	0.6	0.28
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			87	32	18	14
5	Suspended Solid	mg/L	day	...				48	10	10	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						56.2
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	137.5	125.4				127.5
Remark:											