



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-11-2024

Test No: 1943

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: 09:50 AM	Sampling Time: 10:05 AM	Sampling Time: 10:25 AM	Sampling Time: 10:55 AM	Sampling Time: 11:08 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.6	29.9	29.8	29.9
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	107	21.6	18.3	1.95	0.73	0.17
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			86	29	19	8
5	Suspended Solid	mg/L	day	...				66	19	18	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						120
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	138.3	128.3				131.5
Remark:											