



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-09-2024

Test No: 1908

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: 10:08 AM	Sampling Time: 08:50 AM	Sampling Time: 10:18 AM	Sampling Time: 10:40 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.5	29.5	29.5	29.7
2	pH		day	6.5-8.5				8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	329	58.8	56.6	1.55	0.29	0.24
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			253	18	16	14
5	Suspended Solid	mg/L	day	...				272	41	40	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						105
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.5	122.3				124.9
Remark:											