



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-09-2024

Test No: 1896

Weather: Cloudy

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: 11:37 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.6	27.8	27.9	28.1
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	261	41.7	41.5	1.96	0.48	0.31
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			199	38	15	14
5	Suspended Solid	mg/L	day	...				246	30	30	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						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	111.2	120.1			123	
Remark:											