



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-10-2024

Test No: 1933

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: 10:50 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM	Sampling Time: 12:40 PM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.8	28.7	28.9	
2	pH		day	6.5-8.5				7.8	7.6	7.7	7.6	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	204	33.5	33.4	1.98	0.88	0.52	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			137	38	18	15	
5	Suspended Solid	mg/L	day	...				156	22	22	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	127.5	124.2					
8	Salinity	PSU	Once a week	...								125.6
9	Conductivity	μS/cm	Once a week	...								0.174
10	Resistivity	Ω-cm	Once a week	...								255.2
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					
Remark:												