



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-11-2024

Test No: 1954

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: 10:18 AM	Sampling Time: 10:32 AM	Sampling Time: 10:50 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.1	28	27.9	28.4	
2	pH		day	6.5-8.5				8	7.6	7.7	7.7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	35.9	12.7	12.6	1.78	0.49	0.24	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			47	26	14	9	
5	Suspended Solid	mg/L	day	...				22	8	8	1	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	149.4	136.7					138.2
8	Salinity	PSU	Once a week	...								0.186
9	Conductivity	µS/cm	Once a week	...								281.1
10	Resistivity	Ω-cm	Once a week	...								3557
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
Remark:												