



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-11-2024

Test No: 1947

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: 07:15 AM	Sampling Time: 07:40 AM	Sampling Time: 9:40 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:42 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.2	28.2	28.4	28.4	
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	73.3	18.1	17.7	1.92	0.42	0.27	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			55	29	19	7	
5	Suspended Solid	mg/L	day	...				47	16	15	2	1
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	142.5	131.3					133.2
8	Salinity	PSU	Once a week	...								0.182
9	Conductivity	µS/cm	Once a week	...								270.8
10	Resistivity	Ω-cm	Once a week	...								3693
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
Remark:												