



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-10-2024

Test No: 1912

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: 08:05 AM	Sampling Time: 10:28 AM	Sampling Time: 10:48 AM	Sampling Time: 11:20 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.6	28.6	28.5	28.7	
2	pH		day	6.5-8.5				8	7.6	7.8	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	463	48.7	47.1	1.95	0.68	0.11	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			202	47	19	13	
5	Suspended Solid	mg/L	day	...				463	31	31	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	129.9	123					126
8	Salinity	PSU	Once a week	...								0.175
9	Conductivity	µS/cm	Once a week	...								256.1
10	Resistivity	Ω-cm	Once a week	...								3905
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												