



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-10-2024

Test No: 1927

Weather: Cloudy

SI 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: 09:40 AM	Sampling Time: 10:18 AM	Sampling Time: 10:27 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.9	29.7	29.8	30.1
2	pH		day	6.5-8.5				7.7	7.5	7.6	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	307	28.9	28.5	1.82	0.26	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			135	26	12	9
5	Suspended Solid	mg/L	day	...				256	19	19	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1	0.32					
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2	8					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	125.7	122				125.6
Remark:											