



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-10-2024

Test No: 1929

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: 12:28 PM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:19 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.4	30.2	30.1	30.2		
2	pH		day	6.5-8.5				7.7	7.5	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	257	29.6	29.4	1.9	0.45	0.38		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			126	33	14	11		
5	Suspended Solid	mg/L	day	...				184	20	20	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						105		
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						101		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						125.8	122.3	124.8
Remark:													