



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-11-2024

Test No: 1942

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: 09:52 AM	Sampling Time: 10:10 AM	Sampling Time: 10:40 AM	Sampling Time: 11:15 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.1	29.6	29.4	29.8		
2	pH		day	6.5-8.5				8.1	7.7	7.7	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	83.4	16.4	16	1.88	0.46	0.19		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			65	30	14	3		
5	Suspended Solid	mg/L	day	...				61	15	15	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						4.21		
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.6		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						138.2	127.5	129.3
Remark:													