



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-10-2024

Test No: 1921

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: 09:25 AM	Sampling Time: 09:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:09 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.7	29.3	29.5	29.7		
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	217	49.6	46.3	1.89	0.34	0.11		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			230	16	11	6		
5	Suspended Solid	mg/L	day	...				178	37	36	2	1	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								3.25
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	1.1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	118.2	120.8						123
Remark:													