



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-10-2024

Test No: 1922

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: 10:35 AM	Sampling Time: 09:48 AM	Sampling Time: 10:48 AM	Sampling Time: 11:08 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.2	29.9	29.9	30.2		
2	pH		day	6.5-8.5				8	7.7	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	215	54	51.7	1.92	0.39	0.06		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			265	35	15	11		
5	Suspended Solid	mg/L	day	...				173	43	43	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric								112
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	119.6	120.8						123.2
Remark:													