



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-11-2024

Test No: 1956

Weather: Sunny

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: 11:50 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 11:10 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28	28.2	28.3	28.7		
2	pH		day	6.5-8.5				8	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	36.9	12.8	12.7	1.88	0.68	0.32		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			58	27	12	7		
5	Suspended Solid	mg/L	day	...				27	10	10	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								4.27
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	155.4	138.2						139.6
Remark:													