



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-09-2024

Test No: 1893

Weather: Cloudy

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: 10:37 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.5	27	26.7	26.7		
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	184	49.8	43.3	1.84	0.46	0.39		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			218	27	20	14		
5	Suspended Solid	mg/L	day	...				123	32	31	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						3.67		
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.7		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						129.7	121.2	123.6

Remark: