



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-09-2024

Test No: 1907

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: 09:30 AM	Sampling Time: 10:02 AM	Sampling Time: 10:48 AM	Sampling Time: 11:10 AM	Sampling Time: 11:21 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.9	30.3	30.1	30		
2	pH		day	6.5-8.5				8	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	412	61.9	58.8	1.89	0.55	0.21		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			282	39	17	12		
5	Suspended Solid	mg/L	day	...				334	47	47	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								3.39
8	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method I	0.007							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.3	122						125.1
Remark:													