



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-09-2024

Test No: 1895

Weather: Rain

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: 10:10 AM	Sampling Time: 10:21 AM	Sampling Time: 11:00 AM	Sampling Time: 11:35 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.6	27.6	27.7	27.7		
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	230	41.2	40.5	1.9	0.97	0.41		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			209	30	23	13		
5	Suspended Solid	mg/L	day	...				190	32	31	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN								0.018
8	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method	0.02							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	128.5	120.2						122.2
Remark:													