



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-09-2024

Test No: 1903

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: 10:35 AM	Sampling Time: 10:46 AM	Sampling Time: 10:55 AM	Sampling Time: 11:12 AM	Sampling Time: 11:28 AM	Sampling Time: 11:38 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.8	29	29	29.2		
2	pH		day	6.5-8.5				8.1	7.6	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	346	39.4	37.9	1.8	0.6	0.16		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			186	34	15	12		
5	Suspended Solid	mg/L	day	...				247	33	33	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1								41.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	132.6	120						123
Remark:													