



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-09-2024

Test No: 1906

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: 09:55 AM	Sampling Time: 10:10 AM	Sampling Time: 10:25 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28	28.2	28.4		
2	pH		day	6.5-8.5				8	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	475	45.5	43.8	1.92	0.62	0.26		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			237	30	17	14		
5	Suspended Solid	mg/L	day	...				462	40	40	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1								0.24
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1	0.23							
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2	10							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	124	122.4						123.6
Remark:													