



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-11-2024

Test No: 1969

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: 09:25 AM	Sampling Time: 09:38 AM	Sampling Time: 09:50 AM	Sampling Time: 10:20 AM	Sampling Time: 10:38 AM	Sampling Time: 10:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.3	26.5	26.2	26.8		
2	pH		day	6.5-8.5				7.9	7.8	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	146	22	17.3	1.68	0.55	0.24		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	23	19	2		
5	Suspended Solid	mg/L	day	...				74	10	10	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								0.12
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1	0.11							
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	172.2	152.9						152.4
Remark:													