



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-10-2024

Test No: 1936

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: 11:10 AM	Sampling Time: 10:50 AM	Sampling Time: 11:20 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM						
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.4	29.6	30	29.9						
2	pH		day	6.5-8.5				7.9	7.8	7.9	7.8						
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	95	26.5	26.4	1.99	0.97	0.43						
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			117	48	29	15						
5	Suspended Solid	mg/L	day	...				45	16	16	2	0	0				
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable						
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration												
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric												
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30										
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	128.7	124.8										
Remark:																	