



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-09-2024

Test No: 1901

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: 12:30 PM	Sampling Time: 11:00 AM	Sampling Time: 11:10 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			29.9	30.1	30.4	30.2	
2	pH		day	6.5-8.5				8	7.8	7.7	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	420	43.8	43.6	1.98	0.52	0.19	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			202	48	15	12	
5	Suspended Solid	mg/L	day	...				348	37	37	4	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							108
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric	101						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	119.8	119.3					122.1
Remark:												