



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-11-2024

Test No: 1945

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: 09:20 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.5	29.6	29.6	29.9		
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	84.2	17.4	16.7	1.95	0.36	0.2		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			48	26	7	4		
5	Suspended Solid	mg/L	day	...				44	17	16	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Ammonia	mg/L	Once a week	<0.5	Salicylate Method								0.226
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1	58.2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	137.9	130.4						131.8
Remark:													