



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-10-2024

Test No: 1910

Weather: Sunny

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: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			31.2	31.2	31	31.9		
2	pH		day	6.5-8.5				8.1	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	317	57.2	56.4	1.89	0.8	0.24		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			293	32	16	11		
5	Suspended Solid	mg/L	day	...				263	50	50	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1								50.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	127.3	122.6						124.6
Remark:													