



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-10-2024

Test No: 1915

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: 09:50 AM	Sampling Time: 10:02 AM	Sampling Time: 10:50 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			28.1	28.8	28.7	28.4	
2	pH		day	6.5-8.5				8	7.7	7.8	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	455	57.6	56.2	1.89	0.86	0.65	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			240	50	17	13	
5	Suspended Solid	mg/L	day	...				414	49	48	5	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							120
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric	125						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.7	122.4					125.2
Remark:												