



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-10-2024

Test No: 1920

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: 09:15 AM	Sampling Time: 09:45 AM	Sampling Time: 10:08 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:02 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.1	29.5	30	30.3		
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	213	61	59	1.92	0.94	0.54		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			319	44	29	10		
5	Suspended Solid	mg/L	day	...				167	53	53	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1								0.06
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	118.4	121.2						123.8

Remark: