



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-09-2024

Test No: 1897

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: 11:47 AM	Sampling Time: 10:17 AM	Sampling Time: 10:27 AM	Sampling Time: 11:17 AM	Sampling Time: 11:27 AM	Sampling Time: 11:37 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.2	29	28.9	29.1		
2	pH		day	6.5-8.5				7.9	7.5	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	355	47.6	47.3	1.98	0.6	0.21		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			216	38	15	13		
5	Suspended Solid	mg/L	day	...				327	37	37	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310								201.6
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	115.3	120.4						123.4
Remark:													