



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-08-2024

Test No: 1868

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: 09:45 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	27.2	27.4	27.3
2	pH		day	6.5-8.5				7.9	7.6	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	584	91.1	90.9	1.92	0.61	0.22
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			492	31	14	11
5	Suspended Solid	mg/L	day	...				530	86	86	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	117.9	120.3				
Remark:											