



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-09-2024

Test No: 1883

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: 09:15 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			29.2	28.9	28.7	28.5
2	pH		day	6.5-8.5				8.1	7.6	7.9	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	398	52.8	52.6	1.92	0.39	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			308	31	15	13
5	Suspended Solid	mg/L	day	...				336	48	48	1
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						201.8
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.9	120.9				124.8
Remark:											