



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-09-2024

Test No: 1904

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: 11:08 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.1	28.2	28.3
2	pH		day	6.5-8.5				8.1	7.6	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	484	38.2	37.5	1.78	0.38	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			205	32	14	13
5	Suspended Solid	mg/L	day	...				438	34	33	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						185.7
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	133.4	121.2				125.7
Remark:											