



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-10-2024

Test No: 1918

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: 11:20 AM	Sampling Time: 09:48 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.1	29.4	29.2	29.3
2	pH		day	6.5-8.5				8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	252	62.3	61.9	1.87	0.61	0.15
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			290	27	15	13
5	Suspended Solid	mg/L	day	...				220	47	47	2
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						186.1
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	119	121.3				124.8
Remark:											