



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-10-2024

Test No: 1924

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: 10:30 AM	Sampling Time: 10:10 AM	Sampling Time: 10:25 AM	Sampling Time: 11:02 AM	Sampling Time: 11:15 AM	Sampling Time: 11:24 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.1	30.4	30.3	30
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	183	32.4	30.2	1.9	0.48	0.11
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			158	34	5	2
5	Suspended Solid	mg/L	day	...				142	25	24	2
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				30
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.5	121.7				123

Remark: