



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-11-2024

Test No: 1963

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: 08:56 AM	Sampling Time: 09:10 AM	Sampling Time: 09:20 AM	Sampling Time: 09:58 AM	Sampling Time: 10:05 AM	Sampling Time: 10:10 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.9	26.9	27.3	27.6
2	pH		day	6.5-8.5				7.8	7.6	7.6	7.5
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	112	13.4	12.9	1.78	0.39	0.18
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	22	14	11
5	Suspended Solid	mg/L	day	...				62	8	8	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						0.24
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.6
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						0.004
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	156.7	145.7				146.8
<b>Remark:</b>											