



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 05-10-2024

Test No: 1914

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: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.1	28.3	28.1	27.5		
2	pH		day	6.5-8.5				8	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	438	52.7	52.2	1.99	0.48	0.4		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			215	63	19	14		
5	Suspended Solid	mg/L	day	...				362	44	44	5	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric								0.29
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	0.8							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	121.9	122.6						125.3
<b>Remark:</b>													