



# 110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 01-09-2024

Test No: 1880

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:01 AM	Sampling Time: 10:28 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.1	28.6	28.2	27.9		
2	pH		day	6.5-8.5				8.4	7.9	8	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	390	101	100	1.89	0.72	0.18		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			457	36	27	9		
5	Suspended Solid	mg/L	day	...				386	79	78	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration								105
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	123.5	119.2						121.4
<b>Remark:</b>													