



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 26-08-2023

Test No: 1509

Weather: Cloudy

SI No	Test Item	Unit	Frequency	Detection limit (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: 08:50 AM	Sampling Time: 10:30 AM	Sampling Time: 10:50 AM	Sampling Time: 11:58 AM	Sampling Time: 12:12 PM	Sampling Time: 12:20M
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	28.4	29.1	28.7
2	pH		day	6.5-8.5				8.14	7.92	7.86	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	353	72.1	71.1	1.98	0.29	0.11
4	Color	pt-co	day	15	Portable analyser-AQ3700			466	37	11	4
5	Suspended Solid	mg/L	day	...				367	81	81	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D						
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	40		
<b>Remark:</b>											