



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 01-04-2023

Test No: 1362

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: 09:10 AM	Sampling Time: 09:23 AM	Sampling Time: 10:01 AM	Sampling Time: 10:38 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.2	25.2	25.2	25.1
2	pH		day	6.5-8.5				8.06	7.89	7.82	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	63.1	14.3	14	1.93	0.32	0.16
4	Color	pt-co	day	15	Portable analyser-AQ3700			91	23	0	0
5	Suspended Solid	mg/L	day	...				55	10	10	2
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-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			190	130		
<b>Remark:</b>											