



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 22-04-2023

Test No: 1383

Weather: Sunny

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: 12:20 PM	Sampling Time: 12:25 PM	Sampling Time: 12:30 PM	Sampling Time: 1:00 PM	Sampling Time: 1:12 PM	Sampling Time: 1:20 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.8	30.7	30.1	30.3	
2	pH		day	6.5-8.5				8.18	7.87	7.8	7.83	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	38	12.6	12.4	1.81	0.37	0.13	
4	Color	pt-co	day	15	Portable analyser-AQ3700			81	21	0	0	
5	Suspended Solid	mg/L	day	...				30	10	10	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							2.58
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	680	270			260		
<b>Remark:</b>												