



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 29-04-2023

Test No: 1390

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: 7:20 AM	Sampling Time: 9:45 AM	Sampling Time: 9:55 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	26.5	26.1	27.4	
2	pH		day	6.5-8.5				8.23	8.16	8.01	7.97	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	69.7	14.9	14.8	1.62	0.54	0.18	
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	18	11	6	
5	Suspended Solid	mg/L	day	...				60	13	13	1	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							2.33
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	400	390			390		
Remark:												