



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-09-2023

Test No: 1538

Weather: Cloudy

Sl 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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.9	29.2	29.5	29.3	
2	pH		day	6.5-8.5				8.19	8.02	7.98	7.88	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	185	36.3	30.8	1.8	0.25	0.26	
4	Color	pt-co	day	15	Portable analyser-AQ3700			183	17	7	7	
5	Suspended Solid	mg/L	day	...				122	32	32	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							100
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30			40		
<b>Remark:</b>												