



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 11-06-2023

Test No: 1433

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: 9:23 AM	Sampling Time: 9:30 AM	Sampling Time: 10:25 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.3	27.4	26.7	27.4	
2	pH		day	6.5-8.5				8.01	7.77	7.65	7.73	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	42.8	14.3	14	1.98	0.65	0.43	
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	33	9	8	
5	Suspended Solid	mg/L	day	...				41	17	17	5	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							85
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	480	580			580		

Remark: