



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 19-02-2023

Test No: 1321

Weather: Sunny

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: 7:50 AM	Sampling Time: 8:20 AM	Sampling Time: 9:30 AM	Sampling Time: 10:05 AM	Sampling Time: 10:18 AM	Sampling Time: 10:30 AM				
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.1	22.8	22.6	22.8				
2	pH		day	6.5-8.5				7.82	7.75	7.77	7.82				
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	57.7	10.4	10.2	1.51	0.49	0.21				
4	Color	pt-co	day	15	Portable analyser-AQ3700			52	4	0	0				
5	Suspended Solid	mg/L	day	...				48	5	5	0	0	0		
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable				
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration										
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700										
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20								
<b>Remark:</b>															