



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 18-02-2023

Test No: 1320

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: 9:48 AM	Sampling Time: 10:05 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24	23.2	23.2	23.2	
2	pH		day	6.5-8.5				7.95	7.62	7.63	7.66	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.6	13.8	13.6	1.98	0.49	0.18	
4	Color	pt-co	day	15	Portable analyser-AQ3700			59	7	0	0	
5	Suspended Solid	mg/L	day	...				29	8	8	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							
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	0.6						
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	0.011						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20

Remark: