



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 16-02-2023

Test No: 1318

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: 9:30 AM	Sampling Time: 9:20 AM	Sampling Time: 9:40 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.6	22.2	21.9	22.2		
2	pH		day	6.5-8.5				8.2	7.99	8	8.02		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	90	12.9	12.84	1.39	0.34	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			85	6	0	0		
5	Suspended Solid	mg/L	day	...				53	10	10	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								219.4
8	Salinity	PSU	Once a week	...									0.265
9	Conductivity	µS/cm	Once a week	...									446.7
10	Resistivity	Ω-cm	Once a week	...									2239
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: