



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 05-01-2023

Test No: 1276

Weather: Haze

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: 10:55 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM	Sampling Time: 12:01 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			20.1	20.4	20.6	19.8
2	pH		day	6.5-8.5				8.43	8.29	8.22	8.18
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	32.7	22.1	21.8	4.39	1.9	0.29
4	Color	pt-co	day	15	Portable analyser-AQ3700			94	26	20	7
5	Suspended Solid	mg/L	day	...				16	15	15	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week	...		0.251					
9	Conductivity	µS/cm	Once a week	...		419.3					
10	Resistivity	Ω-cm	Once a week	...		2385					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20

Remark: