



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 17-11-2022

Test No: 1227

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: 8:55 AM	Sampling Time: 9:20 AM	Sampling Time: 10:25 AM	Sampling Time: 11:05 AM	Sampling Time: 11:18 AM	Sampling Time: 11:23 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.4	26.8	25.8	26.2		
2	pH		day	6.5-8.5				8.04	7.36	7.33	7.26		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	43.2	13	13	2.4	0.6	0.33		
4	Color	pt-co	day	15	Portable analyser-AQ3700			56	19	9	9		
5	Suspended Solid	mg/L	day	...				36	11	11	1	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								159.9
8	Salinity	PSU	Once a week	...									0.207
9	Conductivity	µS/cm	Once a week	...									325.4
10	Resistivity	Ω-cm	Once a week	...									3074
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: