



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-08-2022

Test No: 1122

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: 12:10 PM	Sampling Time: 9:00 AM	Sampling Time: 10:05 AM	Sampling Time: 10:28 AM	Sampling Time: 10:45 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.7	30.3	30.1	30.1		
2	pH		day	6.5-8.5				8.74	7.97	7.89	7.75		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	167	20.5	20.5	2.16	0.97	0.58		
4	Color	pt-co	day	15	Portable analyser-AQ3700			116	21	16	1		
5	Suspended Solid	mg/L	day	...				134	14	14	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								134.1
8	Salinity	PSU	Once a week	...									0.183
9	Conductivity	µS/cm	Once a week	...									272.8
10	Resistivity	Ω-cm	Once a week	...									3666
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: