



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-11-2021

Test No: 849

Weather: Sunny

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: 8:50 AM	Sampling Time: 9:37 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.2	28.3	28.5	29		
2	PH		day	6.5-8.5				8.1	7.69	7.62	7.21		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	598	17.1	17	0.98	0.22	0.22		
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	17	5	5		
5	Suspended Solid	mg/L	day	...				543	13	13	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								154.5
8	Salinity	PSU	Once a week	...									0.202
9	Conductivity	µS/cm	Once a week	...									314.3
10	Resistivity	Ω-cm	Once a week	...									3182
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: