



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-10-2021

Test No: 842

Weather: Cloudy

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: 8:55 AM	Sampling Time: 9:00 AM	Sampling Time: 10:00 AM	Sampling Time: 10:35 AM	Sampling Time: 10:50 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	29.2	29.3	29.5		
2	PH		day	6.5-8.5				7.98	7.68	7.59	7.4		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	167	8.4	8.41	0.62	0.24	0.22		
4	Color	pt-co	day	15	Portable analyser-AQ3700			56	14	0	0		
5	Suspended Solid	mg/L	day	...				141	6	6	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								153.5
8	Salinity	PSU	Once a week	...									0.201
9	Conductivity	µS/cm	Once a week	...									312.2
10	Resistivity	Ω-cm	Once a week	...									3203
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: