



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 25-08-2022

Test No: 1143

Weather: Cloudy

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: 9:45 AM	Sampling Time: 9:30 AM	Sampling Time: 10:30 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM	Sampling Time: 11:42 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.9	29.5	29.1	28.9		
2	pH		day	6.5-8.5				7.97	7.69	7.65	7.66		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	117.2	37.7	37.7	6.57	0.47	0.32		
4	Color	pt-co	day	15	Portable analyser-AQ3700			229	30	0	0		
5	Suspended Solid	mg/L	day	...				109	34	34	2	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								145.1
8	Salinity	PSU	Once a week	...									0.193
9	Conductivity	µS/cm	Once a week	...									295.2
10	Resistivity	Ω-cm	Once a week	...									3388
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	
Remark:													