



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-12-2021

Test No: 898

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: 9:03 AM	Sampling Time: 9:20 AM	Sampling Time: 10:00 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.4	22.3	22.3	22.7
2	PH		day	6.5-8.5				7.57	7.47	7.47	7.57
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.8	5.37	5.33	1.55	0.15	0.14
4	Color	pt-co	day	15	Portable analyser-AQ3700			37	5	0	0
5	Suspended Solid	mg/L	day	...				81	3	3	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						
8	Salinity	PSU	Once a week	...		0.243					
9	Conductivity	µS/cm	Once a week	...		400.4					
10	Resistivity	Ω-cm	Once a week	...		2497					
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	40				
<b>Remark:</b>											