



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 12-02-2022

Test No: 949

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: 11:02 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM	Sampling Time: 12:42 PM						
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.7	22.4	22.7	22.7						
2	pH		day	6.5-8.5				8.01	7.62	7.64	7.79						
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	63.2	7.64	7.62	1.93	0.37	0.2						
4	Color	pt-co	day	15	Portable analyser-AQ3700			39	11	5	2						
5	Suspended Solid	mg/L	day	...				57	3	3	0	0	0				
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable						
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D												
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900												
9	Nitrogen-Nitrite	mg/L	Once a week	<1													
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40										
Remark:																	