



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 08-10-2022

Test No: 1187

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: 9:35 AM	Sampling Time: 9:45 AM	Sampling Time: 10:08 AM	Sampling Time: 10:48 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29	28.6	28.5	28.2	
2	pH		day	6.5-8.5				7.55	7.29	6.99	7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	287	51.1	51	3.88	0.31	0.24	
4	Color	pt-co	day	15	Portable analyser-AQ3700			294	16	0	0	
5	Suspended Solid	mg/L	day	...				304	49	49	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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	Cadmium Reduction Method	0.7						
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	0.004						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20
Remark:												