



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 11-02-2023

Test No: 1313

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: 7:50 AM	Sampling Time: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:35 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.4	23.9	24.8	24.5	
2	pH		day	6.5-8.5				7.92	7.65	7.82	7.76	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.8	13.8	13.4	1.99	0.26	0.14	
4	Color	pt-co	day	15	Portable analyser-AQ3700			89	32	0	0	
5	Suspended Solid	mg/L	day	...				56	11	11	2	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							3.77
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
<b>Remark:</b>												