



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 29-10-2022

Test No: 1208

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: 9:58 AM	Sampling Time: 10:05 AM	Sampling Time: 10:35 AM	Sampling Time: 11:12 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.5	26.9	26.9	27.3
2	pH		day	6.5-8.5				8.07	7.42	7.3	7.19
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	245	41.4	40.4	6.17	0.25	0.12
4	Color	pt-co	day	15	Portable analyser-AQ3700			240	26	6	3
5	Suspended Solid	mg/L	day	...				241	33	33	5
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-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
<b>Remark:</b>											