



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-01-2023

Test No: 1292

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: 09:17 AM	Sampling Time: 9:35 AM	Sampling Time: 10:05 AM	Sampling Time: 10:35 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			20.8	20.8	20.7	21.3
2	pH		day	6.5-8.5				8.51	8.4	8.16	8.07
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.3	10.4	10.3	1.62	0.14	0.11
4	Color	pt-co	day	15	Portable analyser-AQ3700			74	19	15	15
5	Suspended Solid	mg/L	day	...				54	10	10	1
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>											