



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 07-02-2023

Test No: 1309

Weather: Hazy Sunshine

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: 10:16 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 11:08 AM	Sampling Time: 11:22 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.5	23.1	22.8	23.2
2	pH		day	6.5-8.5				8.01	7.89	7.73	7.71
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	86.7	16.78	16	1.32	0.26	0.11
4	Color	pt-co	day	15	Portable analyser-AQ3700			96	16	9	2
5	Suspended Solid	mg/L	day	...				80	13	13	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
<b>Remark:</b>											