



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 12-03-2023

Test No: 1342

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: 10:01 AM	Sampling Time: 10:15 AM	Sampling Time: 10:22 AM	Sampling Time: 10:45 AM	Sampling Time: 10:58 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.7	25.4	25.4	25.7
2	pH		day	6.5-8.5				7.83	7.65	7.64	7.62
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85.2	13.9	13.5	1.86	0.17	0.17
4	Color	pt-co	day	15	Portable analyser-AQ3700			73	3	0	0
5	Suspended Solid	mg/L	day	...				80	10	10	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	40		
<b>Remark:</b>											