



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-07-2023

Test No: 1475

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: 09:48 AM	Sampling Time: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29	28.7	28.5	28.8
2	pH		day	6.5-8.5				8.45	8.28	8.13	8.04
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	240	39.5	37.5	1.98	0.49	0.2
4	Color	pt-co	day	15	Portable analyser-AQ3700			275	24	7	0
5	Suspended Solid	mg/L	day	...				274	47	47	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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	70		
<b>Remark:</b>											