



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 02-07-2023

Test No: 1454

Weather: Cloudy

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: 1:15 PM	Sampling Time: 1:20 PM	Sampling Time: 1:25 PM	Sampling Time: 1:35 PM	Sampling Time: 1:45 PM	Sampling Time: 1:50 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29	28.5	29.4	28.8
2	pH		day	6.5-8.5				8.34	7.61	7.27	7.16
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	93.3	39.3	38.2	1.99	0.89	0.35
4	Color	pt-co	day	15	Portable analyser-AQ3700			241	54	15	12
5	Suspended Solid	mg/L	day	...				94	40	40	6
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	EDTA Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	360		
<b>Remark:</b>											