



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 10-04-2023

Test No: 1371

Weather: Sunny

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: 09:15 AM	Sampling Time: 09:25 AM	Sampling Time: 10:10 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM			
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.2	28	27.5	27.4			
2	pH		day	6.5-8.5				8.57	8.07	7.81	7.84			
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	35.8	13.6	13.3	1.74	0.35	0.19			
4	Color	pt-co	day	15	Portable analyser-AQ3700			86	9	0	0			
5	Suspended Solid	mg/L	day	...				37	13	13	0	0	0	
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable			
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							0.125		
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1									
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	270	180							
Remark:														