



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 13-03-2023

Test No: 1343

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: 09:50 AM	Sampling Time: 10:05 AM	Sampling Time: 10:12 AM	Sampling Time: 10:17 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.4	26.3	25.9	26.2	
2	pH		day	6.5-8.5				8.01	7.95	7.81	7.75	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	103	10.9	10.7	1.6	0.44	0.13	
4	Color	pt-co	day	15	Portable analyser-AQ3700			56	5	0	0	
5	Suspended Solid	mg/L	day	...				101	7	7	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Iron	mg/L	Once a week	0.3	USEPA I FerroVer Method							0.05
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method I							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	70	40			40		
Remark:												