



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-05-2022

Test No: 1054

Weather: Mostly 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: 8:45 AM	Sampling Time: 9:00 AM	Sampling Time: 9:10 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.4	30.1	30	29.9	
2	pH		day	6.5-8.5				8.21	7.34	7.58	7.77	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	417	29.6	29.6	4.11	0.86	0.54	
4	Color	pt-co	day	15	Portable analyser-AQ3700			94	12	3	0	
5	Suspended Solid	mg/L	day	...				234	10	12	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	50				50	

Remark: