



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-04-2022

Test No: 1005

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: 9:45 AM	Sampling Time: 9:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:42 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.4	28.3	28	28.4		
2	pH		day	6.5-8.5				8.12	7.56	7.62	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	130	16.9	16.5	2.32	0.57	0.36		
4	Color	pt-co	day	15	Portable analyser-AQ3700			45	0	0	0		
5	Suspended Solid	mg/L	day	...				63	8	8	2	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								2.19
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900								0.4
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						60	40	
Remark:													