



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 18-03-2023

Test No: 1348

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: 8:48 AM	Sampling Time: 9:00 AM	Sampling Time: 9:05 AM	Sampling Time: 9:55 AM	Sampling Time: 10:02 AM	Sampling Time: 10:10 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.2	26.1	26.4	25.9	
2	pH		day	6.5-8.5				7.9	7.77	7.7	7.62	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	39.1	13.2	12.9	1.3	0.62	0.22	
4	Color	pt-co	day	15	Portable analyser-AQ3700			67	6	0	0	
5	Suspended Solid	mg/L	day	...				38	10	9	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	Cadmium Reduction Method							
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	110	50					
Remark:												