



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 14-01-2023

Test No: 1285

Weather: Cloudy

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: 12:10 PM	Sampling Time: 10:09 AM	Sampling Time: 10:20 AM	Sampling Time: 11:40 AM	Sampling Time: 11:45 AM	Sampling Time: 11:50 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.3	21.9	22.5	22.8	
2	pH		day	6.5-8.5				8.29	8.03	7.89	7.55	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	55.7	19.6	19.3	3.71	0.64	0.38	
4	Color	pt-co	day	15	Portable analyser-AQ3700			116	29	12	3	
5	Suspended Solid	mg/L	day	...				49	17	17	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							4.84
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
<b>Remark:</b>												