



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-06-2023

Test No: 1446

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: 08:35 AM	Sampling Time: 8:45 AM	Sampling Time: 09:25 AM	Sampling Time: 09:48 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.5	28.6	28.6	28.9	
2	pH		day	6.5-8.5				7.35	7.29	7.24	7.2	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	149	16.7	15.7	1.98	0.32	0.17	
4	Color	pt-co	day	15	Portable analyser-AQ3700			100	34	9	9	
5	Suspended Solid	mg/L	day	...				163	14	14	1	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							
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	0.9						
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	0.008						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	170	460					470
<b>Remark:</b>												