



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 08-07-2023

Test No: 1460

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: 9:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:45 AM	Sampling Time: 12:00 PM	Sampling Time: 12:12 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.6	28.8	28.5	28.3	
2	pH		day	6.5-8.5				8.12	7.99	7.98	7.93	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	112	29.7	29.6	1.99	0.43	0.23	
4	Color	pt-co	day	15	Portable analyser-AQ3700			157	37	7	5	
5	Suspended Solid	mg/L	day	...				123	26	26	4	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							1.37
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							0.4
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							0.003
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	240			250		
<b>Remark:</b>												