



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 16-09-2023

Test No: 1530

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: 01:23 PM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 12:45 PM	Sampling Time: 01:00 PM	Sampling Time: 01:10 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.7	29.9	29.8	
2	pH		day	6.5-8.5				8.19	8.07	7.93	7.87	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	207	29.8	29.7	1.97	0.76	0.25	
4	Color	pt-co	day	15	Portable analyser-AQ3700			168	41	15	14	
5	Suspended Solid	mg/L	day	...				198	27	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							
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	30	30					
<b>Remark:</b>												