



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-10-2022

Test No: 1194

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: 9:17 AM	Sampling Time: 9:25 AM	Sampling Time: 9:30 AM	Sampling Time: 9:50 AM	Sampling Time: 9:55 AM	Sampling Time: 10:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.5	29.2	29.1	29.3	
2	pH		day	6.5-8.5				7.23	7.12	7.09	7.02	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	283	44	43.6	2.74	0.41	0.17	
4	Color	pt-co	day	15	Portable analyser-AQ3700			250	36	0	0	
5	Suspended Solid	mg/L	day	...				280	42	42	2	1
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-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						20	20
<b>Remark:</b>												