



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 02-7-2022

Test No: 1089

Weather: Cloudy

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: 9:55 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:35 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30	29.8	29.9	29.9	
2	pH		day	6.5-8.5				7.19	7.14	7.15	7.13	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	131	34.5	34.5	4.49	0.41	0.24	
4	Color	pt-co	day	15	Portable analyser-AQ3700			197	21	0	0	
5	Suspended Solid	mg/L	day	...				131	26	26	0	0
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-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	20	20				20	
<b>Remark:</b>												