



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 18-09-2022

Test No: 1167

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: 9:18 AM	Sampling Time: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 10:15 AM	Sampling Time: 10:25 AM	Sampling Time: 10:35 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.9	27.7	26.9	26.7					
2	pH		day	6.5-8.5				7.69	7.61	7.71	7.76					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	261	91.2	91.2	10.13	0.43	0.23					
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	39	4	3					
5	Suspended Solid	mg/L	day	...				273	99	99	5	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable					
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							90				
8	Hardness	mg/L	Once a week	200-500	EDTA Titration											110
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration											20
Remark:																