



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-10-2021

Test No: 818

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: 9:20 AM	Sampling Time: 10:20 AM	Sampling Time: 10:48 AM	Sampling Time: 11:20 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29	28.7	28.7	28.9
2	PH		day	6.5-8.5				7.85	7.66	7.62	7.55
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	86.8	15.2	14.7	0.87	0.34	0.16
4	Color	pt-co	day	15	Portable analyser-AQ3700			62	3	0	0
5	Suspended Solid	mg/L	day					71	13	13	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2	DR 3900						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				

Remark: