



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 02-05-2022

Test No: 1028

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: 11:00 AM	Sampling Time: 10:50 AM	Sampling Time: 11:30 AM	Sampling Time: 12:30 PM	Sampling Time: 12:40 PM	Sampling Time: 12:50 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.6	30.1	30.3	29.4		
2	pH		day	6.5-8.5				7.9	7.39	7.53	7.59		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	159	12.9	12.9	6.92	0.66	0.22		
4	Color	pt-co	day	15	Portable analyser-AQ3700			39	19	7	0		
5	Suspended Solid	mg/L	day	...				85	4	4	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Iron	mg/L	Once a week	<0.3	DR3900								0.05
8	Total residual chlorine	mg/L	Twice a week	0.2									0.29
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50						

Remark: