



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 05-08-2022

Test No: 1123

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: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:09 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29	28.9	28.7	
2	pH		day	6.5-8.5				8.75	8.02	7.86	7.68	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	176	18.1	18.1	2.92	0.97	0.55	
4	Color	pt-co	day	15	Portable analyser-AQ3700			107	41	18	2	
5	Suspended Solid	mg/L	day	...				139	11	11	0	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	USEPA DPD Method1							
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1							
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												