



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-10-2022

Test No: 1200

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: 6:40 AM	Sampling Time: 6:55 AM	Sampling Time: 7:00 AM	Sampling Time: 7:35 AM	Sampling Time: 7:45 AM	Sampling Time: 7:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.6	29.3	29.8	29.5
2	pH		day	6.5-8.5				7.22	6.89	6.93	6.97
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	597	58.8	58.8	3.36	0.36	0.17
4	Color	pt-co	day	15	Portable analyser-AQ3700			286	9	0	0
5	Suspended Solid	mg/L	day	...				591	52	52	1
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	0.08					
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfVer 4 Method2	9					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
<b>Remark:</b>											