



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-11-2022

Test No: 1231

Weather: Sunny

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: 9:10 AM	Sampling Time: 9:20 AM	Sampling Time: 10:10 AM	Sampling Time: 10:58 AM	Sampling Time: 11:15 AM	Sampling Time: 11:22 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.6	26.2	26.1	26.3
2	pH		day	6.5-8.5				7.42	7.32	7.27	7.24
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	64.5	10.7	10.7	2.71	0.32	0.22
4	Color	pt-co	day	15	Portable analyser-AQ3700			78	36	10	14
5	Suspended Solid	mg/L	day	...				53	10	10	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.02					
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.13					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
<b>Remark:</b>											