



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 13-02-2023

Test No: 1315

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: 10:40 AM	Sampling Time: 9:50 AM	Sampling Time: 10:00 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.4	23.6	23.2	23.5
2	pH		day	6.5-8.5				8.21	8.19	8.07	8.11
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	65.1	11.2	10.9	1.72	0.28	0.15
4	Color	pt-co	day	15	Portable analyser-AQ3700			56	3	0	0
5	Suspended Solid	mg/L	day	...				60	8	8	1
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 Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.016					
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.05					
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.3					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
<b>Remark:</b>											