



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 01-12-2022

Test No: 1241

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: 9:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:26 AM	Sampling Time: 11:09 AM	Sampling Time: 11:23 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.3	26.3	26.1	26.3		
2	pH		day	6.5-8.5				7.82	7.65	7.56	7.59		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	219	20.2	20	6.6	0.59	0.53		
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	39	0	0		
5	Suspended Solid	mg/L	day	...				146	16	16	6	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								170.5
8	Salinity	PSU	Once a week	...									0.218
9	Conductivity	µS/cm	Once a week	...									347
10	Resistivity	Ω-cm	Once a week	...									2882
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: