



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-12-2022

Test No: 1255

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: 10:15 AM	Sampling Time: 10:55	Sampling Time: 11:08 AM	Sampling Time: 11:15 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.4	24	23.9	23.9		
2	pH		day	6.5-8.5				7.55	7.52	7.51	7.4		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	122	18.4	18	2.33	0.67	0.48		
4	Color	pt-co	day	15	Portable analyser-AQ3700			92	35	15	13		
5	Suspended Solid	mg/L	day	...				105	15	15	2	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								193.6
8	Salinity	PSU	Once a week	...									0.24
9	Conductivity	µS/cm	Once a week	...									394.1
10	Resistivity	Ω-cm	Once a week	...									2537
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	
Remark:													