



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-08-2023

Test No: 1507

Weather: Cloudy

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: 10:12 AM	Sampling Time: 9:47 AM	Sampling Time: 10:20 AM	Sampling Time: 11:25	Sampling Time: 11:40 AM	Sampling Time: 11:52 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	29.2	29.1	29.4		
2	pH		day	6.5-8.5				8.12	7.92	7.88	7.68		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	374	71.2	69.2	1.99	0.46	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			448	36	15	6		
5	Suspended Solid	mg/L	day	...				390	80	80	3	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								137
8	Salinity	PSU	Once a week	...									0.185
9	Conductivity	µS/cm	Once a week	...									278.7
10	Resistivity	Ω-cm	Once a week	...									3589
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40					50	
Remark:													