



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 03-03-2022

Test No: 968

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: 9:30 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.2	24.3	24.4	24.4		
2	pH		day	6.5-8.5				7.58	7.34	7.38	7.56		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	95.2	7.55	7.5	1.04	0.3	0.23		
4	Color	pt-co	day	15	Portable analyser-AQ3700			28	0	0	0		
5	Suspended Solid	mg/L	day	...				55	4	4	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								261.4
8	Salinity	PSU	Once a week	...									0.308
9	Conductivity	µS/cm	Once a week	...									532.4
10	Resistivity	Ω-cm	Once a week	...									1878
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
<b>Remark:</b>													