



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 02-06-2022

Test No: 1059

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: 10:08 AM	Sampling Time: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.5	27.4	27.4	27.6		
2	pH		day	6.5-8.5				7.78	7.06	7.43	7.52		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	492	48.9	48.9	3.83	0.61	0.52		
4	Color	pt-co	day	15	Portable analyser-AQ3700			130	14	0	0		
5	Suspended Solid	mg/L	day	...				242	19	19	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								152.8
8	Salinity	PSU	Once a week	...									0.201
9	Conductivity	µS/cm	Once a week	...									310.7
10	Resistivity	Ω-cm	Once a week	...									3218
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					50	
Remark:													