



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 07-07-2022

Test No: 1094

Weather: Sunny

Sl 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: 9:00 AM	Sampling Time: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 10:05 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	29.1	29.1	29.2
2	pH		day	6.5-8.5				7.12	6.89	6.96	6.94
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	257	41.1	41	3.14	0.38	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			211	18	0	0
5	Suspended Solid	mg/L	day	...				243	30	30	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						
8	Salinity	PSU	Once a week	...		0.173					
9	Conductivity	µS/cm	Once a week	...		252.1					
10	Resistivity	Ω-cm	Once a week	...		3967					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20

Remark: