



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 22-09-2022

Test No: 1171

Weather: Partly 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: 8:30 AM	Sampling Time: 8:50 AM	Sampling Time: 8:55 AM	Sampling Time: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 10:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	29.1	28.9	28.5
2	pH		day	6.5-8.5				7.58	7.6	7.66	7.71
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	137	64.1	64.1	5.64	0.29	0.16
4	Color	pt-co	day	15	Portable analyser-AQ3700			411	28	5	1
5	Suspended Solid	mg/L	day	...				128	65	65	2
6	Taste and Odour		day	Odorless	Manual			<b>Dirty Smell</b>	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	...		0.2					
9	Conductivity	µS/cm	Once a week	...		309.2					
10	Resistivity	Ω-cm	Once a week	...		3234					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20

Remark: