



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 07-10-2021

Test No: 821

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: 8:23 AM	Sampling Time: 8:45 AM	Sampling Time: 8:55 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30	29.9	30	30
2	PH		day	6.5-8.5				7.71	7.54	7.42	7.47
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	82.9	14.5	14.2	0.94	0.14	0.13
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	14	5	2
5	Suspended Solid	mg/L	day					78	11	11	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectoinable	No Objectoinable	No Objectoinable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week			0.196					
9	Conductivity	µS/cm	Once a week			301.1					
10	Resistivity	Ω-cm	Once a week			3.321					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40

Remark: