



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 29-09-2022

Test No: 1178

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: 9:54 AM	Sampling Time: 10:12 AM	Sampling Time: 11:05 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			30.5	30.4	29.9	29.6		
2	pH		day	6.5-8.5				7.26	7.04	7.16	7.23		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	319	46.1	46.1	3.23	0.3	0.25		
4	Color	pt-co	day	15	Portable analyser-AQ3700			376	19	0	0		
5	Suspended Solid	mg/L	day	...				306	36	36	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								150.8
8	Salinity	PSU	Once a week	...									0.199
9	Conductivity	µS/cm	Once a week	...									306.7
10	Resistivity	Ω-cm	Once a week	...									3260
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: