



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 01-09-2022

Test No: 1150

Weather: Mostly 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: 11:45 AM	Sampling Time: 9:00 AM	Sampling Time: 10:30 AM	Sampling Time: 10:52 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.4	29.3	28.8		
2	pH		day	6.5-8.5				8.92	8.81	8.77	8.5		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.2	40	40	10.4	4.94	0.99		
4	Color	pt-co	day	15	Portable analyser-AQ3700			229	52	37	15		
5	Suspended Solid	mg/L	day	...				31	36	36	7	2	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								151
8	Salinity	PSU	Once a week	...									0.199
9	Conductivity	µS/cm	Once a week	...									307.2
10	Resistivity	Ω-cm	Once a week	...									3255
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: