



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-11-2022

Test No: 1220

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: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.7	26.9	26.6	26.6		
2	pH		day	6.5-8.5				7.62	7.44	7.44	7.36		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	76.8	22.2	22	3.9	0.21	0.09		
4	Color	pt-co	day	15	Portable analyser-AQ3700			234	23	9	0		
5	Suspended Solid	mg/L	day	...				70	20	20	3	0	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								154.7
8	Salinity	PSU	Once a week	...									0.202
9	Conductivity	µS/cm	Once a week	...									314.8
10	Resistivity	Ω-cm	Once a week	...									3177
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	
Remark:													