



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-01-2022

Test No: 933

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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:25 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.8	21.7	21.5	22		
2	pH		day	6.5-8.5				7.94	7.71	7.8	7.72		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62	4.58	4.46	1.03	0.26	0.16		
4	Color	pt-co	day	15	Portable analyser-AQ3700			34	0	0	0		
5	Suspended Solid	mg/L	day	...				54	3	3	0	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								246.7
8	Salinity	PSU	Once a week	...									0.292
9	Conductivity	µS/cm	Once a week	...									502.5
10	Resistivity	Ω-cm	Once a week	...									1990
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													