



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-01-2022

Test No: 926

Weather: Sunny

Sl 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: 9:13 AM	Sampling Time: 10:07 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 10:50 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.7	21.4	21.4	22		
2	pH		day	6.5-8.5				7.89	7.63	7.77	7.89		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.3	4.93	4.82	0.86	0.17	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			34	8	0	0		
5	Suspended Solid	mg/L	day	...				49	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								240.9
8	Salinity	PSU	Once a week	...									0.286
9	Conductivity	µS/cm	Once a week	...									490.6
10	Resistivity	Ω-cm	Once a week	...									2038
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40						

Remark: