



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-04-2022

Test No: 1003

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: 10:42 AM	Sampling Time: 10:30 AM	Sampling Time: 10:00 AM	Sampling Time: 10: 20 AM	Sampling Time: 10:45 AM	Sampling Time: 10:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.7	28.2	28.3	28.3
2	pH		day	6.5-8.5				8	7.72	7.79	7.86
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	64.1	25	25.8	1.79	0.39	0.17
4	Color	pt-co	day	15	Portable analyser-AQ3700			145	0	0	0
5	Suspended Solid	mg/L	day	...				32	23	23	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						
8	Salinity	PSU	Once a week	...		0.287					
9	Conductivity	µS/cm	Once a week	...		489.7					
10	Resistivity	Ω-cm	Once a week	...		2042					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	60	40				40

Remark: