



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-02-2022

Test No: 940

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: 9:06 AM	Sampling Time: 9:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.3	23.4	23.7	23.5		
2	pH		day	6.5-8.5				8.15	7.76	7.87	7.84		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	48	5.6	5.5	1.34	0.28	0.23		
4	Color	pt-co	day	15	Portable analyser-AQ3700			32	5	3	3		
5	Suspended Solid	mg/L	day	...				42	2	2	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								249.9
8	Salinity	PSU	Once a week	...									0.269
9	Conductivity	µS/cm	Once a week	...									508.9
10	Resistivity	Ω-cm	Once a week	...									1966
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													