



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-03-2022

Test No: 982

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: 9:09 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:00 AM	Sampling Time: 11:13 AM	Sampling Time: 11:25 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28	27.9	27.9	27.8		
2	pH		day	6.5-8.5				8.09	7.25	7.36	7.49		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.8	7.81	7.8	1.42	0.39	0.26		
4	Color	pt-co	day	15	Portable analyser-AQ3700			29	0	0	0		
5	Suspended Solid	mg/L	day	...				23	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								241.9
8	Salinity	PSU	Once a week	...									0.295
9	Conductivity	µS/cm	Once a week	...									504.9
10	Resistivity	Ω-cm	Once a week	...									1981
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: