



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-10-2021

Test No: 826

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: 8:52 AM	Sampling Time: 9:00 AM	Sampling Time: 9:27 AM	Sampling Time: 11:43 AM	Sampling Time: 12:09 PM	Sampling Time: 12:20 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29.5	29.1	30		
2	PH		day	6.5-8.5				8.24	8.12	8.09	7.51		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	212	13.5	13.7	0.69	0.21	0.09		
4	Color	pt-co	day	15	Portable analyser-AQ3700			67	6	0	0		
5	Suspended Solid	mg/L	day					181	9	9	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Silica	mg/L	Once a week									54.1	
8	Total coliforms	CFU/100 ml	Once a week	0	MC-Media Pad®								0
9	E. coli	CFU/100 ml	Once a week	0									0
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40		

Remark: