



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-10-2021

Test No: 828

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: 9:05 AM	Sampling Time: 9:20 AM	Sampling Time: 10:48 AM	Sampling Time: 11:25 AM	Sampling Time: 11:40 AM	Sampling Time: 11:52 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	29	28.8	28.7		
2	PH		day	6.5-8.5				8.03	7.79	7.76	7.73		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	91	11.8	11.78	0.71	0.18	0.1		
4	Color	pt-co	day	15	Portable analyser-AQ3700			65	7	0	0		
5	Suspended Solid	mg/L	day	..				79	10	9	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								150.5
8	Salinity	PSU	Once a week	..									0.198
9	Conductivity	µS/cm	Once a week	..									306
10	Resistivity	Ω-cm	Once a week	..									3268
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: