



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-04-2022

Test No: 999

Weather: Hazy Sunshine

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: 7:50 AM	Sampling Time: 9:30 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	28.6	28.7	28.8
2	pH		day	6.5-8.5				8.18	7.51	7.51	7.62
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	105	10.7	10.5	1.23	0.32	0.27
4	Color	pt-co	day	15	Portable analyser-AQ3700			28	0	0	0
5	Suspended Solid	mg/L	day	...				47	6	6	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	EDTA Titration						
8	Hardness	mg/L	Once a week	200-500	EDTA Titration						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				
Remark:											