



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-05-2023

Test No: 1411

Weather: Cloudy

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: 12:14 PM	Sampling Time: 12:00 PM	Sampling Time: 2:35 PM	Sampling Time: 2:55 PM	Sampling Time: 3:00 PM	Sampling Time: 8:40 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.7	29.2	28.9	29.1	
2	pH		day	6.5-8.5				8.05	7.94	7.72	7.7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	38	14.2	14.1	1.79	0.36	0.23	
4	Color	pt-co	day	15	Portable analyser-AQ3700			89	17	0	0	
5	Suspended Solid	mg/L	day	...				36	12	12	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							2.28
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	980	560			540		
Remark:												