



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-05-2023

Test No: 1418

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: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 11:20 AM	Sampling Time: 11:35 AM	Sampling Time: 11:47 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.3	27.3	28.1	28	
2	pH		day	6.5-8.5				8.28	7.8	7.77	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.6	15.9	15.7	1.87	0.73	0.28	
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	26	9	0	
5	Suspended Solid	mg/L	day	...				57	17	16	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							1.43
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	240	630			630		
Remark:												