



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-09-2023

Test No: 1523

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: 10:10 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.5	29.9	29.4	29.7	
2	pH		day	6.5-8.5				8.18	8.08	7.93	7.88	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	141	43.7	43.3	1.96	0.66	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			286	29	14	11	
5	Suspended Solid	mg/L	day	...				166	47	47	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							2.11
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40			50		
Remark:												