



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-09-2023

Test No: 1537

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: 08:52 AM	Sampling Time: 09:03 AM	Sampling Time: 09:10 AM	Sampling Time: 09:53 AM	Sampling Time: 10:05 AM	Sampling Time: 10:10 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.4	28.9	28.7	
2	pH		day	6.5-8.5				8.21	8.06	7.96	7.86	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	151	35.6	35.4	1.82	0.36	0.28	
4	Color	pt-co	day	15	Portable analyser-AQ3700			191	29	10	4	
5	Suspended Solid	mg/L	day	...				177	29	29	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							
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					
Remark:												