



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-10-2023

Test No: 1563

Weather: Sunny

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: 10:12 AM	Sampling Time: 10:25 AM	Sampling Time: 11:40 AM	Sampling Time: 12:20 AM	Sampling Time: 12:40 AM	Sampling Time: 12:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			32	33	30.9	30.2
2	pH		day	6.5-8.5				8.21	8.12	7.99	7.98
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	119	19.2	19	1.97	0.49	0.35
4	Color	pt-co	day	15	Portable analyser-AQ3700			107	19	11	10
5	Suspended Solid	mg/L	day	...				131	14	14	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week	...		0.169					
9	Conductivity	µS/cm	Once a week	...		246					
10	Resistivity	Ω-cm	Once a week	...		4066					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
Remark:											