



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-10-2023

Test No: 1556

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: 09:32 AM	Sampling Time: 09:50 AM	Sampling Time: 10:45 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.2	30.2	30.5	30
2	pH		day	6.5-8.5				8.2	8.05	7.98	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	193	27.1	25.8	1.98	0.43	0.3
4	Color	pt-co	day	15	Portable analyser-AQ3700			183	29	15	0
5	Suspended Solid	mg/L	day	...				236	25	25	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	...		0.17					
9	Conductivity	μS/cm	Once a week	...		245.6					
10	Resistivity	Ω-cm	Once a week	...		4072					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
Remark:											