



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-04-2023

Test No: 1367

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: 09:00 AM	Sampling Time: 09:15 AM	Sampling Time: 10:05 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28	28	27.7	27.6
2	pH		day	6.5-8.5				8.1	7.89	7.83	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.5	11.3	11.1	1.34	0.66	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			66	11	0	0
5	Suspended Solid	mg/L	day	...				40	9	9	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week	...		0.519					
9	Conductivity	µS/cm	Once a week	...		951.3					
10	Resistivity	Ω-cm	Once a week	...		1051					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	140	140				140

Remark: