



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-03-2023

Test No: 1360

Weather: Sunny

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: 09:05 AM	Sampling Time: 09:15 AM	Sampling Time: 10:07 AM	Sampling Time: 10:40 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.5	26.5	26.4	26.6	
2	pH		day	6.5-8.5				8.09	7.97	7.8	7.79	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.8	12	12	1.41	0.8	0.29	
4	Color	pt-co	day	15	Portable analyser-AQ3700			73	19	15	9	
5	Suspended Solid	mg/L	day	...				50	5	5	0	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	...		0.481						
9	Conductivity	μS/cm	Once a week	...		877.6						
10	Resistivity	Ω-cm	Once a week	...		1139						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	230	110					110

Remark: