



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-10-2022

Test No: 1206

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: 9:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:22 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.6	27.5	27.4	27.4		
2	pH		day	6.5-8.5				8.1	7.25	7.19	7.11		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	520	50.1	50	9.05	0.81	0.43		
4	Color	pt-co	day	15	Portable analyser-AQ3700			248	56	11	0		
5	Suspended Solid	mg/L	day	...				485	41	41	7	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								151.1
8	Salinity	PSU	Once a week	...									0.199
9	Conductivity	µS/cm	Once a week	...									307.4
10	Resistivity	Ω-cm	Once a week	...									3253
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	
Remark:													