



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-06-2022

Test No: 1073

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: 8:13 AM	Sampling Time: 8:20 AM	Sampling Time: 8:25 AM	Sampling Time: 9:05 AM	Sampling Time: 9:15 AM	Sampling Time: 9:32 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	28.2	28.1	28.6		
2	pH		day	6.5-8.5				8.02	7.82	7.44	6.97		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	90.3	13.6	13.5	2.17	0.49	0.16		
4	Color	pt-co	day	15	Portable analyser-AQ3700			78	5	0	0		
5	Suspended Solid	mg/L	day	...				75	8	8	0	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								143.3
8	Salinity	PSU	Once a week	...									0.191
9	Conductivity	µS/cm	Once a week	...									291.5
10	Resistivity	Ω-cm	Once a week	...									3431
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40					40	

Remark: