



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-02-2022

Test No: 961

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: 9:20 AM	Sampling Time: 9:40 AM	Sampling Time: 10:10 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.8	25.4	25.3	25.4		
2	pH		day	6.5-8.5				7.49	7.37	7.42	7.48		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.3	7.93	7.84	0.98	0.21	0.15		
4	Color	pt-co	day	15	Portable analyser-AQ3700			24	2	0	0		
5	Suspended Solid	mg/L	day	...				72	4	4	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								269.9
8	Salinity	PSU	Once a week	...									0.316
9	Conductivity	µS/cm	Once a week	...									549.8
10	Resistivity	Ω-cm	Once a week	...									1823
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													