



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-06-2023

Test No: 1451

Weather: Rain

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: 3:30 PM	Sampling Time: 3:40 PM	Sampling Time: 3:45 PM	Sampling Time: 4:20 PM	Sampling Time: 4:30 PM	Sampling Time: 4:40 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.8	27.8	27.9	28.9		
	pH		day	6.5-8.5				7.82	7.47	7.37	7.11		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	178	25.2	24.9	1.99	0.54	0.16		
4	Color	pt-co	day	15	Portable analyser-AQ3700			172	49	11	4		
5	Suspended Solid	mg/L	day	...				184	26	26	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								570.9
8	Salinity	PSU	Once a week	...									0.628
9	Conductivity	µS/cm	Once a week	...									1164
10	Resistivity	Ω-cm	Once a week	...									859.1
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	400					410	
Remark:													