



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-06-2023

Test No: 1430

Weather: Cloudy

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: 9:00 AM	Sampling Time: 9:20 AM	Sampling Time: 9:35 AM	Sampling Time: 11:00 AM	Sampling Time: 11:12 AM	Sampling Time: 11:22 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28	28	27.9		
2	pH		day	6.5-8.5				8.11	7.89	7.7	7.65		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	34	14.2	13.8	1.79	0.58	0.37		
4	Color	pt-co	day	15	Portable analyser-AQ3700			89	31	8	6		
5	Suspended Solid	mg/L	day	...				28	13	13	2	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								882.5
8	Salinity	PSU	Once a week	...									0.962
9	Conductivity	µS/cm	Once a week	...									1800
10	Resistivity	Ω-cm	Once a week	...									555.6
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	830	560					560	
Remark:													