



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 02-08-2024

Test No: 1850

Weather: Rain

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 08:30 AM	Sampling Time: 08:40 AM	Sampling Time: 09:20 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30	29	29.1	28.7		
2	pH		day	6.5-8.5				7.8	7.6	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	224	66.3	65.9	1.92	0.76	0.36		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			382	24	15	14		
5	Suspended Solid	mg/L	day	...				209	59	59	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1								0.31
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	120.7	119.8						124.4

Remark: