



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-02-2024

Test No: 1676

Weather: Sunny

Sl 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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:30 AM	Sampling Time: 11:38 AM	Sampling Time: 11:45 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.2	24.1	23.4	23.2
2	pH		day	6.5-8.5				8.12	7.96	7.88	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	35.3	8.87	8.84	1.78	0.42	0.11
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			54	18	9	4
5	Suspended Solid	mg/L	day	...				25	5	5	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	198.7	185.7			187.6	
Remark:											