



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 20-07-2024

Test No: 1837

Weather: Cloudy

SI 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: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:42 PM	Sampling Time: 11:55 AM	Sampling Time: 12:05 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.8	28.3	28	28.1
2	pH		day	6.5-8.5				7.7	7.3	7.4	7.1
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	489	133	130	1.9	0.61	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	27	22	8
5	Suspended Solid	mg/L	day	...				418	119	119	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						
8	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	50		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	102.7	126.1				
Remark:											