



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 31-07-2024

Test No: 1848

Weather: Cloudy

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: 10:38 AM	Sampling Time: 10:48 AM	Sampling Time: 11:12 AM	Sampling Time: 11:55 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.9	28.2	28.3	28.2		
2	pH		day	6.5-8.5				7.9	7.6	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	205	87.7	87.3	1.99	0.72	0.39		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			457	29	15	14		
5	Suspended Solid	mg/L	day	...				194	74	74	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310								161.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	128.3	119.5						125.7
Remark:													