



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 10-07-2024

Test No: 1827

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: 09:40 AM	Sampling Time: 09:55 AM	Sampling Time: 10:07 AM	Sampling Time: 10:42 AM	Sampling Time: 10:53 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.9	28.1	27.7	28.2
2	pH		day	6.5-8.5				8.2	7.4	7.8	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	509	82.4	82	1.94	0.41	0.32
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			423	33	12	5
5	Suspended Solid	mg/L	day	...				455	68	68	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						52
8	Magnesium	mg/L	Once a week	30-35							17
9	ORP	mv	Once a week	...	WTW pH/ ION 3310						171
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	70				80
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	89.46	157.2				180.5
Remark:											