



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 03-07-2024

Test No: 1820

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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.3	26.9	27.2	27.1
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	120	55.7	55.5	1.98	0.65	0.42
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			259	44	15	11
5	Suspended Solid	mg/L	day	...				112	44	44	4
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						
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	120		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	111.9	219.6				
Remark:											