



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 22-11-2023

Test No: 1597

Weather: Sunny

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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.7	27.1	26.3	26.1
2	pH		day	6.5-8.5				8.07	7.94	7.88	7.76
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	87.6	18.3	18.1	1.89	0.35	0.16
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			102	26	15	9
5	Suspended Solid	mg/L	day	...				87	16	15	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						165.1
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	149.8	138.7				139.6
Remark:											