



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-02-2024

Test No: 1688

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: 09:30 AM	Sampling Time: 09:40 AM	Sampling Time: 10:01 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 10:57 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.2	24.3	24.5	24.1
2	pH		day	6.5-8.5				8.15	7.98	7.89	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.6	11.4	11.2	1.68	0.41	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	19	12	5
5	Suspended Solid	mg/L	day	...				36	8	8	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						75
8	ORP	mv	Once a week	...							WTW pH/ ION 3310
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	40				40
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	221.6	196.8				198
<b>Remark:</b>											