



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 13-12-2023

Test No: 1618

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: 09:42 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.2	24.2	24	23.5		
2	pH		day	6.5-8.5				8.09	8.01	7.95	7.88		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	110	12.5	9.78	1.73	0.38	0.15		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	17	11	10		
5	Suspended Solid	mg/L	day	...				101	10	10	1	0	0
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								149.2
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	208.8	167.2						168.5
Remark:													