



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 13-03-2024

Test No: 1709

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: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.2	25.5	25.1	25		
2	pH		day	6.5-8.5				8.12	8.01	7.92	7.85		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	48.7	17.7	17	1.87	0.58	0.26		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			59	21	5	1		
5	Suspended Solid	mg/L	day	...				44	7	7	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						152.6		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						90	50	50
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						278.6	229	228.2
<b>Remark:</b>													