



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-05-2024

Test No: 1772

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: 09:55 AM	Sampling Time: 10:22 AM	Sampling Time: 10:35 AM	Sampling Time: 10:42 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.7	28.6	29.2	29.5		
2	pH		day	6.5-8.5				8.22	8.1	7.94	7.83		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	99.2	28.2	28.1	1.9	0.99	0.57		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			147	39	15	3		
5	Suspended Solid	mg/L	day	...				79	26	26	4	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						85.5		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						270	560	560
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						465.8	906	928.4
<b>Remark:</b>													