



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-10-2023

Test No: 1568

Weather: Cloudy

Sl No	Test Item	Unit	Frequency	Detection limit (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: 11:10 AM	Sampling Time: 09:30 AM	Sampling Time: 10:00 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.9	28.8	28.4	28.6
2	pH		day	6.5-8.5				8.1	7.94	7.86	7.74
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	104	21.7	21.1	1.96	0.29	0.24
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			103	29	12	6
5	Suspended Solid	mg/L	day	...				73	17	16	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	122.2	121	123			
<b>Remark:</b>											