



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 25-10-2023

Test No: 1569

Weather: Sunny

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: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.2	30	29.5	29.5
2	pH		day	6.5-8.5				8.2	8.12	8.09	7.98
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	87	23	22.9	1.81	0.25	0.4
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			186	15	12	12
5	Suspended Solid	mg/L	day	...				64	18	18	2
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						171.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	124.5	120				124.4
<b>Remark:</b>											