



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 05-11-2023

Test No: 1580

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: 10:43 AM	Sampling Time: 10:55 AM	Sampling Time: 01:05 PM	Sampling Time: 01:35 PM	Sampling Time: 01:40 PM	Sampling Time: 01:44 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30	29.4	29.8	29.6
2	pH		day	6.5-8.5				8.08	7.89	7.86	7.79
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45.6	9.8	9.8	1.7	0.37	0.22
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			63	25	9	4
5	Suspended Solid	mg/L	day	...				38	7	7	1
6	Taste and Odour		day	Odorless	Manual			<b>Dirty Smell</b>	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 <sup>FM</sup> A222 & A322	133.7	122.4				
<b>Remark:</b>											