



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-10-2023

Test No: 1570

Weather: Sunny

Sl No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric		32	31.5	30.9	30.2
2	pH		day	6.5-8.5			8.31	8.12	8.01	7.97
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	18.69	18	1.06	0.37	0.1
4	Color	pt-co	day	15	Orion AQ3700/ Photometric		70	20	14	0
5	Suspended Solid	mg/L	day	...			18	18	0	0
6	Taste and Odour		day	Odorless	Manual		Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322					123.6
8	Salinity	PSU	Once a week	...						0.172
9	Conductivity	µS/cm	Once a week	...						251.3
10	Resistivity	Ω-cm	Once a week	...						3980
11	Chloride	ppm	day	150-600						Mercuric Nitrate Titration
Remark:										