



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-11-2023

Test No: 1598

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:05 AM	Sampling Time: 11:30 AM	Sampling Time: 11:50 AM	Sampling Time: 12:01 PM									
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			27.9	26.8	28.5	28.2									
2	pH		day	6.5-8.5				8.08	7.92	7.88	7.78									
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	70.5	15.7	14.3	1.98	0.38	0.15									
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			87	34	12	1									
5	Suspended Solid	mg/L	day	...				75	11	11	2	0	0							
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable									
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322			154.5	139.8				141.9							
8	Salinity	PSU	Once a week	...									0.19							
9	Conductivity	μS/cm	Once a week	...												288.6				
10	Resistivity	Ω-cm	Once a week	...															3465	
11	Chloride	ppm	day	150-600															Mercuric Nitrate Titration	30
<b>Remark:</b>																				