



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 11-01-2024

Test No: 1647

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: 09:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:12 AM	Sampling Time: 10:38 AM	Sampling Time: 10:51 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.1	23	22.5	22.6	
2	pH		day	6.5-8.5				8.2	8.05	7.98	7.9	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45.2	13.3	12.8	1.9	0.46	0.16	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			84	13	0	0	
5	Suspended Solid	mg/L	day	...				40	9	9	1	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	180.9	175.9					
8	Salinity	PSU	Once a week	...								183.9
9	Conductivity	µS/cm	Once a week	...								0.23
10	Resistivity	Ω-cm	Once a week	...								374.4
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
<b>Remark:</b>												