



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 06-06-2024

Test No: 1794

Weather: Cloudy

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: 05:53 AM	Sampling Time: 06:00 AM	Sampling Time: 07:00	Sampling Time: 07:12 AM	Sampling Time: 07:17 AM	Sampling Time: 07:20 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28	28	28.3	28.8		
2	pH		day	6.5-8.5				8.5	8.1	8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85.9	25.6	25.5	1.8	0.4	0.29		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			139	28	9	7		
5	Suspended Solid	mg/L	day	...				63	20	20	1	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	965.6	735.9					770	
8	Salinity	PSU	Once a week	...								0.84	
9	Conductivity	µS/cm	Once a week	...								1570	
10	Resistivity	Ω-cm	Once a week	...								636.8	
11	Total Iron	mg/L	Once a week	0.3-1.0		USEPA 1 FerroVer Method						0.08	
12	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	530					440	440
<b>Remark:</b>													