



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-07-2024

Test No: 1821

Weather: Rain

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 09:55 AM	Sampling Time: 10:20 AM	Sampling Time: 10:32 AM	Sampling Time: 10:40 AM									
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.4	28.5	28.7	28.7									
2	pH		day	6.5-8.5				7.7	7.4	7.5	7.5									
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	128	52.8	52.6	1.77	0.39	0.37									
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			269	24	10	8									
5	Suspended Solid	mg/L	day	...				87	45	45	1	1	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			101.7	222				222.5							
8	Salinity	PSU	Once a week	...									0.269							
9	Conductivity	µS/cm	Once a week	...															453.1	
10	Resistivity	Ω-cm	Once a week	...																
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	110				110									
<b>Remark:</b>																				