



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-08-2024

Test No: 1857

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: 09:30 AM	Sampling Time: 09:50 AM	Sampling Time: 10:15 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.7	28	27.7	27.5
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	350	65.1	60.8	1.96	0.35	0.32
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			319	31	13	9
5	Suspended Solid	mg/L	day	...				320	52	51	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1						
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40				
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	118.9	120.7			125.2	

Remark: