



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 08-07-2024

Test No: 1825

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: 09:48 AM	Sampling Time: 10:10 AM	Sampling Time: 11:10 AM	Sampling Time: 11:45 AM	Sampling Time: 11:58 AM	Sampling Time: 12:05 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	28.2	28.4	28		
2	pH		day	6.5-8.5				7.8	7.6	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	317	78.3	78	1.99	0.98	0.85		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			378	45	19	9		
5	Suspended Solid	mg/L	day	...				286	62	62	3	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						0.013		
8	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.33		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	80	80
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						104.5	168.7	188.9

Remark: