



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-07-2024

Test No: 1826

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: 09:52 AM	Sampling Time: 10:45 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.9	27.9	28.2	28.7		
2	pH		day	6.5-8.5				8.3	7.7	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	415	75.8	75.8	1.99	0.98	0.94		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			391	44	15	14		
5	Suspended Solid	mg/L	day	...				397	65	65	5	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1								19.6
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	80						80
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	94.69	163.8						180.5
<b>Remark:</b>													