



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 29-05-2024

Test No: 1786

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: 11:37 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:32 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.3	28.6	28.6	29.5
2	pH		day	6.5-8.5				8.4	8	7.9	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	132	19.6	19.4	1.8	0.36	0.23
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			102	21	9	5
5	Suspended Solid	mg/L	day	...				104	15	15	1
6	Taste and Odour		day	Odorless	Manual			<b>Dirty Smell</b>	No Objectionable	No Objectionable	No Objectionable
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	140	490				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	289.6	854.1			805.6	
<b>Remark:</b>											