



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 01-08-2024

Test No: 1849

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: 09:35 AM	Sampling Time: 09:48 AM	Sampling Time: 10:00 AM	Sampling Time: 10:45 AM	Sampling Time: 10:56 AM	Sampling Time: 11:05 AM			
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.7	27.1	26.6	26.2			
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7			
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	208	84.1	81.6	1.69	0.47	0.21			
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			426	23	9	2			
5	Suspended Solid	mg/L	day	...				195	69	69	1	0	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			128.5	120.5				121.6	
8	Salinity	PSU	Once a week	...									0.17	
9	Conductivity	µS/cm	Once a week	...										
10	Resistivity	Ω-cm	Once a week	...										
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	40		
<b>Remark:</b>														