



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 18-05-2023

Test No: 1409

Weather: Cloudy

Sl No	Test Item	Unit	Frequency	Detection limit (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: 11:09 AM	Sampling Time: 09:17 AM	Sampling Time: 11:50 AM	Sampling Time: 12:25 PM	Sampling Time: 12:32 PM	Sampling Time: 12:38 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.6	26.1	26.7	25.6
2	pH		day	6.5-8.5				8.09	8.05	8.07	7.97
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	33.3	12.1	11.9	1.86	0.34	0.33
4	Color	pt-co	day	15	Portable analyser-AQ3700			89	21	9	0
5	Suspended Solid	mg/L	day	...				29	11	11	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week	...		1.056					
9	Conductivity	μS/cm	Once a week	...		1981					
10	Resistivity	Ω-cm	Once a week	...		5049					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	400	540				540
<b>Remark:</b>											