



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 11-05-2023

Test No: 1402

Weather: Sunny

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: 08:25 AM	Sampling Time: 09:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.8	29.9	29.8	29.4
2	pH		day	6.5-8.5				8.17	8.18	8.14	7.96
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	42.6	13.8	13.6	1.83	0.96	0.43
4	Color	pt-co	day	15	Portable analyser-AQ3700			96	24	15	3
5	Suspended Solid	mg/L	day	...				40	12	12	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week	...		1					
9	Conductivity	μS/cm	Once a week	...		1871					
10	Resistivity	Ω-cm	Once a week	...		5344					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	770	510				490
<b>Remark:</b>											