



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-05-2023

Test No: 1395

Weather: Cloudy

SI 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: 08:55 AM	Sampling Time: 09:12 AM	Sampling Time: 10:10 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:05 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.3	26.8	26.4	26.1	
2	pH		day	6.5-8.5				8.19	8.05	8.03	7.99	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45.2	15.5	15	1.61	0.28	0.23	
4	Color	pt-co	day	15	Portable analyser-AQ3700			101	30	4	4	
5	Suspended Solid	mg/L	day	...				40	17	17	3	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	...		0.865						
9	Conductivity	μS/cm	Once a week	...		1618						
10	Resistivity	Ω-cm	Once a week	...		617.9						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	430	390					390

Remark: