



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-03-2023

Test No: 1353

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: 09:20 AM	Sampling Time: 09:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:35 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.8	25.6	25.3	25.7	
2	pH		day	6.5-8.5				8	7.64	7.65	7.63	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.9	19.27	19	1.98	0.5	0.28	
4	Color	pt-co	day	15	Portable analyser-AQ3700			52	25	0	0	
5	Suspended Solid	mg/L	day	...				54	8	8	3	0
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	...		0.35						
9	Conductivity	µS/cm	Once a week	...		617.6						
10	Resistivity	Ω-cm	Once a week	...		1619						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	150	60					60

Remark: