



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 10-03-2023

Test No: 1340

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: 9:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:05 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			26	25.7	25.9	25.5					
2	pH		day	6.5-8.5				7.88	7.7	7.71	7.77					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	76.1	12.7	12.2	1.99	0.33	0.17					
4	Color	pt-co	day	15	Portable analyser-AQ3700			65	20	0	0					
5	Suspended Solid	mg/L	day	...				66	10	10	2	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable					
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							0.23				
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1											0.16
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40			40						
<b>Remark:</b>																