



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 03-07-2023

Test No: 1455

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: 10:40 AM	Sampling Time: 10:45 AM	Sampling Time: 10:50 AM	Sampling Time: 11:20 AM	Sampling Time: 11:32 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.8	28.3	27.4	28	
2	pH		day	6.5-8.5				7.41	7.12	6.94	6.88	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	105	40.2	39.5	1.99	0.41	0.24	
4	Color	pt-co	day	15	Portable analyser-AQ3700			184	49	7	0	
5	Suspended Solid	mg/L	day	...				118	42	42	6	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method							
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	340					
<b>Remark:</b>												