



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-05-2023

Test No: 1406

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: 09:20 AM	Sampling Time: 09:29 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.7	27.4	27.1	26.4	
2	pH		day	6.5-8.5				7.99	7.67	7.52	7.46	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	31.3	14.9	13.4	1.88	0.5	0.49	
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	23	9	3	
5	Suspended Solid	mg/L	day	...				32	16	16	2	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 Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.026						
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.01						
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.24						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	310	540					540
<b>Remark:</b>												