



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 19-05-2023

Test No: 1410

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:20 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.8	27.6	27.6	27.7	
2	pH		day	6.5-8.5				7.88	7.64	7.56	7.55	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	36	15	13.9	1.44	0.42	0.3	
4	Color	pt-co	day	15	Portable analyser-AQ3700			86	13	0	0	
5	Suspended Solid	mg/L	day	...				38	14	14	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							0.28
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	980	550					
<b>Remark:</b>												