



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-04-2023

Test No: 1382

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: 9:29 AM	Sampling Time: 9:41 AM	Sampling Time: 9:45 AM	Sampling Time: 10:08 AM	Sampling Time: 10:12 AM	Sampling Time: 10:15 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	30.1	29.5	29.4	
2	pH		day	6.5-8.5				8.19	7.96	7.81	7.82	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	84.7	14.9	14.8	1.66	0.55	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			92	18	6	0	
5	Suspended Solid	mg/L	day	...				75	13	13	0	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							0.2
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	500	260					
<b>Remark:</b>												