



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-03-2023

Test No: 1354

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: 9:20 AM	Sampling Time: 9:30 AM	Sampling Time: 10:05 AM	Sampling Time: 10:25 AM	Sampling Time: 10:33 AM	Sampling Time: 10:36 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.4	26.5	26.9	25.9	
2	pH		day	6.5-8.5				8.04	7.71	7.82	7.81	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	78.5	15.3	15.2	1.99	0.89	0.36	
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	44	19	3	
5	Suspended Solid	mg/L	day	...				85	12	12	2	1
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							0.12
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	190	70					
Remark:												