



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 03-01-2023

Test No: 1274

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: 10:00 AM	Sampling Time: 10:07 AM	Sampling Time: 10:17 AM	Sampling Time: 11:15 AM	Sampling Time: 11:22 AM	Sampling Time: 11:32 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.8	22.3	22	22.6	
2	pH		day	6.5-8.5				8.62	8.28	8.03	7.93	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	32.6	24.9	24.7	2.58	0.97	0.36	
4	Color	pt-co	day	15	Portable analyser-AQ3700			94	27	12	3	
5	Suspended Solid	mg/L	day	...				18	14	14	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	Salicylate Method							0.102
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
Remark:												