



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 23-04-2023

Test No: 1384

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: 7:30 AM	Sampling Time: 8:00 AM	Sampling Time: 8:40 AM	Sampling Time: 10:30 AM	Sampling Time: 10:50 AM	Sampling Time: 11:04 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.5	29.5	29.5	29.8					
2	pH		day	6.5-8.5				8.16	7.98	7.9	7.88					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	35.8	16.3	15.9	1.99	0.48	0.12					
4	Color	pt-co	day	15	Portable analyser-AQ3700			95	21	4	0					
5	Suspended Solid	mg/L	day	...				31	17	17	1	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable					
7	Alkalinity	mg/L	Once a week	...	EDTA Titration							120				
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700											240
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration											820
Remark:																