



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-05-2023

Test No: 1422

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: 08:05 AM	Sampling Time: 09:35 AM	Sampling Time: 10:05 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.6	28.6	28.6	29		
2	pH		day	6.5-8.5				8.24	7.74	7.73	7.73		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.9	11.9	11.2	1.52	0.36	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			96	25	6	6		
5	Suspended Solid	mg/L	day	...				48	13	13	3	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb								75
8	ORP	mv	Once a week	...	WTW pH/ ION 3310								140.9
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						140	590	
Remark:													