



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-04-2023

Test No: 1363

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: 09:12 AM	Sampling Time: 09:25 AM	Sampling Time: 09:50 AM	Sampling Time: 10:38 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.5	25.4	25	25.4
2	pH		day	6.5-8.5				8.17	8.05	7.98	7.96
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	58.1	13.2	13	1.72	0.37	0.22
4	Color	pt-co	day	15	Portable analyser-AQ3700			66	13	7	7
5	Suspended Solid	mg/L	day	...				47	7	7	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			170	140		
Remark:											