



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-10-2023

Test No: 1552

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: 09:30 AM	Sampling Time: 09:40 AM	Sampling Time: 09:50 AM	Sampling Time: 11:07 AM	Sampling Time: 11:18 AM	Sampling Time: 11:25 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.7	29.9	29.7	29.6	
2	pH		day	6.5-8.5				8.12	7.98	7.93	7.81	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	168	43.6	43.1	10.3	0.56	0.37	
4	Color	pt-co	day	15	Portable analyser-AQ3700			257	74	13	8	
5	Suspended Solid	mg/L	day	...				167	42	42	9	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							100
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30			40		
Remark:												