



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-08-2023

Test No: 1503

Weather: Cloudy

SI No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 09:20 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300		29.5	29.2	28.9	29.4
2	pH		day	6.5-8.5			8.1	7.79	7.72	7.69
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	57.8	56.2	1.98	0.15	0.09
4	Color	pt-co	day	15	Portable analyser-AQ3700		360	23	9	3
5	Suspended Solid	mg/L	day	...			62	62	3	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					110
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					50
Remark:										