



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-09-2023

Test No: 1527

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: 09:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:08 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	29.2	29.7	29.5
2	pH		day	6.5-8.5				8.18	8.1	7.98	7.89
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	145	39.8	39.4	1.99	0.39	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			242	33	15	8
5	Suspended Solid	mg/L	day	...				157	40	40	4
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb						
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	40		
Remark:											