



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-09-2023

Test No: 1534

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: 11:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:30 AM	Sampling Time: 10:55 AM	Sampling Time: 11:08 AM	Sampling Time: 11:22 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.2	29.3	29	28.2	
2	pH		day	6.5-8.5				8.19	8.02	7.98	7.88	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	120	33.4	30.4	1.8	0.66	0.25	
4	Color	pt-co	day	15	Portable analyser-AQ3700			196	18	15	9	
5	Suspended Solid	mg/L	day	...				121	33	33	2	1
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							70
8	ORP	mv	Once a week	...	WTW pH/ ION 3310							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30			30		

Remark: