



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-09-2022

Test No: 1170

Weather: Mostly 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: 9:45 AM	Sampling Time: 9:55 AM	Sampling Time: 10:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.5	28.4	28.2	28.2	
2	pH		day	6.5-8.5				7.55	7.47	7.52	7.52	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	138	66.5	66.5	10.62	0.37	0.21	
4	Color	pt-co	day	15	Portable analyser-AQ3700			405	41	15	1	
5	Suspended Solid	mg/L	day	...				133	60	60	6	0
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							67
8	Magnesium	mg/L	Once a week	30-35								13.9
9	ORP	mv	Once a week	...	WTW pH/ ION 3310							173.3
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20

Remark: