



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-02-2023

Test No: 1319

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: 11:30 AM	Sampling Time: 9:20 AM	Sampling Time: 9:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.8	22.1	22.2	22.6	
2	pH		day	6.5-8.5				7.97	7.39	7.63	7.76	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	33.8	10.52	10.43	1.45	0.54	0.13	
4	Color	pt-co	day	15	Portable analyser-AQ3700			68	12	0	0	
5	Suspended Solid	mg/L	day	...				29	7	7	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1							
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												