



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-01-2023

Test No: 1273

Weather: Sunny

SI 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: 09:46 AM	Sampling Time: 10:00 AM	Sampling Time: 10:25 AM	Sampling Time: 11:02 AM	Sampling Time: 11:15 AM	Sampling Time: 11:22 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.1	22.8	22.8	22.9	
2	pH		day	6.5-8.5				8.16	8.08	8	7.94	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	38.1	20.3	20	3.96	0.64	0.61	
4	Color	pt-co	day	15	Portable analyser-AQ3700			91	22	8	14	
5	Suspended Solid	mg/L	day	...				18	11	11	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method							0.01
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												