



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-02-2023

Test No: 1322

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: 12:10 PM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.4	23.9	24.3	24.4	
2	pH		day	6.5-8.5				7.96	7.49	7.51	7.54	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	61.7	12.8	12.7	1.69	0.52	0.28	
4	Color	pt-co	day	15	Portable analyser-AQ3700			87	9	0	0	
5	Suspended Solid	mg/L	day	...				49	8	8	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							
8	Total Iron	mg/L	Once a week	0.3	USEPA I FerroVer Method	0.02						
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.18						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20
Remark:												