



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-04-2023

Test No: 1364

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: 9:13 AM	Sampling Time: 9:20 AM	Sampling Time: 9:28 AM	Sampling Time: 10:31 AM	Sampling Time: 10:40 AM	Sampling Time: 10:47 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.3	25.5	25.8	25.9	
2	pH		day	6.5-8.5				8.17	7.99	7.85	7.85	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	55.1	10.94	10.94	1.75	0.36	0.21	
4	Color	pt-co	day	15	Portable analyser-AQ3700			69	23	3	0	
5	Suspended Solid	mg/L	day	...				55	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 Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN							
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method							
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	150	150					
Remark:												