



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-09-2023

Test No: 1518

Weather: 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: 09:54 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 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			29.1	29.4	29.9	29.7											
2	pH		day	6.5-8.5				8.24	8.07	7.97	7.86											
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	519	58.2	57.4	1.98	0.38	0.23											
4	Color	pt-co	day	15	Portable analyser-AQ3700			358	25	11	6											
5	Suspended Solid	mg/L	day	...				513	61	61	2	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							0.083										
8	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN											0.004						
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method															0.04		
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1																	
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40															

Remark: