



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-07-2022

Test No: 1098

Weather: Mostly 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: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:35 PM	Sampling Time: 1:20 PM	Sampling Time: 1:25 PM	Sampling Time: 1:30 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.8	30.7	30.9	31.2	
2	pH		day	6.5-8.5				7.23	6.92	7.04	7.18	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	236	33.2	33.2	1.96	0.37	0.16	
4	Color	pt-co	day	15	Portable analyser-AQ3700			134	3	0	0	
5	Suspended Solid	mg/L	day	...				225	26	26	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	0.006						
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.01						
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.21						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20
Remark:												