



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-07-2022

Test No: 1091

Weather: Cloudy

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: 9:58 AM	Sampling Time: 10:05 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.2	28.3	28.5	
2	pH		day	6.5-8.5				7.14	6.78	6.79	6.83	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	252	41	40.8	3.7	0.21	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			224	23	0	0	
5	Suspended Solid	mg/L	day	...				220	31	31	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 1 FerroVer Method	0.01						
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.21						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20
Remark:												