



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-06-2022

Test No: 1070

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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:58 AM	Sampling Time: 11:45 AM	Sampling Time: 12:05 PM	Sampling Time: 12:20 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.8	29.7	29.3	29.2	
2	pH		day	6.5-8.5				7.59	6.92	6.92	6.91	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	78	11.3	11.3	3.79	0.89	0.73	
4	Color	pt-co	day	15	Portable analyser-AQ3700			72	29	9	0	
5	Suspended Solid	mg/L	day	...				75	11	11	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	0.004						
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.05						
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.28						
11	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1	0.2						
12	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40

Remark: