



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-06-2022

Test No: 1077

Weather: Sunny

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: 9:00 AM	Sampling Time: 9:12 AM	Sampling Time: 10:00 AM	Sampling Time: 10:35 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM							
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.7	27.5	27.4	27.4							
2	pH		day	6.5-8.5				7.23	6.88	6.86	6.86							
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	177	20.5	20.4	3.48	0.34	0.21							
4	Color	pt-co	day	15	Portable analyser-AQ3700			123	14	0	0							
5	Suspended Solid	mg/L	day	...				165	15	15	0	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								0.2					
8	Total Iron	mg/L	Once a week	0.3	USEPA I FerroVer Method													0.02
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1													
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					40						
Remark:																		