



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-06-2022

Test No: 1063

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: 9:30 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.7	27.9	27.9	28	
2	pH		day	6.5-8.5				7.36	6.79	6.85	7.12	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	160	48.21	46	11	1.98	0.93	
4	Color	pt-co	day	15	Portable analyser-AQ3700			156	23	0	0	
5	Suspended Solid	mg/L	day	...				56	12	12	3	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 residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40			40		
Remark:												