



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-09-2022

Test No: 1161

Weather: Rain

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: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 9:55 AM	Sampling Time: 10:40 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.9	25.6	25.9	25.9	
2	pH		day	6.5-8.5				7.98	7.86	7.88	7.93	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	580	128	125	12.9	0.76	0.64	
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	63	15	15	
5	Suspended Solid	mg/L	day	...				595	122	122	11	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							0.147
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												