



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-10-2023

Test No: 1546

Weather: Rain

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: 08:35 AM	Sampling Time: 09:45 AM	Sampling Time: 12:25 PM	Sampling Time: 12:48 PM	Sampling Time: 12:55 PM	Sampling Time: 01:00 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	29.1	29.3	29	
2	pH		day	6.5-8.5				8.16	7.97	7.79	7.76	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	194	32.9	32.7	1.96	0.61	0.28/	
4	Color	pt-co	day	15	Portable analyser-AQ3700			158	28	15	14	
5	Suspended Solid	mg/L	day	...				181	29	29	3	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							0.105
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30			40		
Remark:												