



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-06-2023

Test No: 1427

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: 9:58 AM	Sampling Time: 8:30 AM	Sampling Time: 9:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:15 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.9	30.1	29.9	30.6
2	pH		day	6.5-8.5				8.19	7.89	7.79	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	47.6	25.7	25	1.98	0.63	0.3
4	Color	pt-co	day	15	Portable analyser-AQ3700			131	34	15	15
5	Suspended Solid	mg/L	day	...				52	25	25	4
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						
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.1					
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.12					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	560	540				
Remark:											