



Khingabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-10-2022

Test No: 1203

Weather: Rain

SI No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water	
						Sampling Time: 9:45 AM	Sampling Time: 10:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300		26	25.9	26	26.1	
2	pH		day	6.5-8.5			7.52	7.19	7.12	7.21	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	122	120	5.86	0.86	0.31	
4	Color	pt-co	day	15	Portable analyser-AQ3700		500	28	7	0	
5	Suspended Solid	mg/L	day	...			135	135	5	0	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						0.178
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method						0.06
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						0.2
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20					20
Remark:											