



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-08-2022

Test No: 1140

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: 10:30 AM	Sampling Time: 9:49 AM	Sampling Time: 9:58 AM	Sampling Time: 10:15 AM	Sampling Time: 10:47 AM	Sampling Time: 10:55 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.3	29	28.7
2	pH		day	6.5-8.5				8.49	7.96	7.77	7.73
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	162	51.6	51.6	4.63	0.75	0.32
4	Color	pt-co	day	15	Portable analyser-AQ3700			398	18	15	11
5	Suspended Solid	mg/L	day	...				142	48	48	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						
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											