



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-01-2023

Test No: 1280

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: 10:38 AM	Sampling Time: 10:45 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			21	21	21	21.3
2	pH		day	6.5-8.5				8.25	8.16	8.11	8.03
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	20.6	35.5	35	2.93	0.33	0.3
4	Color	pt-co	day	15	Portable analyser-AQ3700			117	29	19	15
5	Suspended Solid	mg/L	day	...				13	19	19	1
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 residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											