



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-01-2023

Test No: 1287

Weather: Haze

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: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.5	21.4	21.7	22.1
2	pH		day	6.5-8.5				8.16	7.87	7.97	8.01
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.1	17.2	16.9	2.91	0.37	0.24
4	Color	pt-co	day	15	Portable analyser-AQ3700			108	29	18	9
5	Suspended Solid	mg/L	day	...				36	14	14	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 Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.02					
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.25					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											