



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-10-2022

Test No: 1210

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: 9:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:25 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.5	26.5	26.4	26.6
2	pH		day	6.5-8.5				7.35	7.22	7.17	7.16
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	146	50.9	50.9	5.34	0.16	0.14
4	Color	pt-co	day	15	Portable analyser-AQ3700			261	25	0	0
5	Suspended Solid	mg/L	day	...				133	47	47	3
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 Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.02					
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.04					
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.26					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											