



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-10-2022

Test No: 1196

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: 8:52 AM	Sampling Time: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.7	29.2	29.6	28.9
2	pH		day	6.5-8.5				7.38	7.01	7.09	7.12
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	266	56.3	56.3	3.12	0.29	0.11
4	Color	pt-co	day	15	Portable analyser-AQ3700			221	27	0	0
5	Suspended Solid	mg/L	day	...				263	48	48	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	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	0.009					
9	Total Iron	mg/L	Once a week	<0.3	USEPA 1 FerroVer Method	0.1					
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:											