



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-05-2023

Test No: 1392

Weather: Cloudy

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: 8:45 AM	Sampling Time: 9:00 AM	Sampling Time: 9:20 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.4	27.2	27.5	27.7	
2	pH		day	6.5-8.5				8.3	7.99	7.95	7.94	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.1	17.5	17.3	1.99	0.75	0.21	
4	Color	pt-co	day	15	Portable analyser-AQ3700			109	31	8	0	
5	Suspended Solid	mg/L	day	...				60	17	17	2	0
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	0.013						
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.05						
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.2						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	340	390					390
Remark:												