



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-03-2023

Test No: 1336

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: 09:21 AM	Sampling Time: 09:35 AM	Sampling Time: 10:05 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300	/		25	24.9	25.1	25.5	
2	pH		day	6.5-8.5				7.8	7.64	7.63	7.63	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	66.2	14	13.8	1.73	0.26	0.13	
4	Color	pt-co	day	15	Portable analyser-AQ3700	/		57	3	0	0	
5	Suspended Solid	mg/L	day	...				62	9	9	0	0
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							
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method							
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	30	/				
Remark:												