



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-12-2022

Test No: 1252

Weather: Sunny

SI 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: 9:50 AM	Sampling Time: 10:02 AM	Sampling Time: 10:15 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			25	25	24.7	25.1		
2	pH		day	6.5-8.5				7.63	7.56	7.49	7.45		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	117	23.4	23	2.93	0.5	0.42		
4	Color	pt-co	day	15	Portable analyser-AQ3700			89	30	12	12		
5	Suspended Solid	mg/L	day	...				109	19	19	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN							0.079	
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method I							0.23	
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20			
Remark:													