



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-12-2022

Test No: 1264

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: 8:10 AM	Sampling Time: 9:55 AM	Sampling Time: 10:05 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24	23.9	23.9	24	
2	pH		day	6.5-8.5				8.24	8.09	8.01	7.87	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.1	18.3	18	1.27	0.29	0.25	
4	Color	pt-co	day	15	Portable analyser-AQ3700			59	20	12	14	
5	Suspended Solid	mg/L	day	...				21	9	9	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						20	20
Remark:												