



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-11-2022

Test No: 1229

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: 8:20 AM	Sampling Time: 8:50 AM	Sampling Time: 10:02 AM	Sampling Time: 10:52 AM	Sampling Time: 11:05 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.2	25.6	25.6	25.7
2	pH		day	6.5-8.5				7.57	7.38	7.32	7.27
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	61.2	13.8	13.8	1.8	0.32	0.21
4	Color	pt-co	day	15	Portable analyser-AQ3700			82	7	0	0
5	Suspended Solid	mg/L	day	...				56	11	11	1
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:											