



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-10-2022

Test No: 1180

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: 9:21 AM	Sampling Time: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 10:15 AM	Sampling Time: 10:23 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.3	30.1	29.5	29.5
2	pH		day	6.5-8.5				7.12	7.08	7.02	6.98
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	381	57.8	57.6	3.55	0.33	0.17
4	Color	pt-co	day	15	Portable analyser-AQ3700			390	20	0	0
5	Suspended Solid	mg/L	day	...				357	55	55	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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:											