



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-10-2023

Test No: 1559

Weather: Cloudy

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: 01:25 PM	Sampling Time: 11:20 AM	Sampling Time: 11:25 AM	Sampling Time: 11:50 AM	Sampling Time: 11:55 AM	Sampling Time: 11:58 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.7	30.2	30.3	30.1
2	pH		day	6.5-8.5				8.1	7.97	7.83	7.79
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	149	25.3	24.4	1.97	0.34	0.28
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	29	15	14
5	Suspended Solid	mg/L	day	...				132	17	16	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
Remark:											