



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-10-2023

Test No: 1566

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: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.3	29.7	29.9	29.9
2	pH		day	6.5-8.5				8.1	7.9	7.84	7.79
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	167	19.3	18.8	1.63	0.28	0.2
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			102	30	17	15
5	Suspended Solid	mg/L	day	...				144	15	14	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	121.1	118.7				

Remark: