



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-04-2024

Test No: 1750

Weather: Sunny

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 11:00 AM	Sampling Time: 09:30 AM	Sampling Time: 10:10 AM	Sampling Time: 10:45 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.9	30.5	29.5	28.6
2	pH		day	6.5-8.5				8.1	7.95	7.89	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.3	19.9	18	1.69	0.9	0.49
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			68	46	15	9
5	Suspended Solid	mg/L	day	...				39	18	18	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			420	480		
12	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	651.2	847.4				

Remark: