



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-05-2024

Test No: 1764

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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:35 AM	Sampling Time: 11:10 AM	Sampling Time: 11:23 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28	27.3	27.4	28
2	pH		day	6.5-8.5				8.17	8.07	7.92	7.86
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	83.9	15.6	15.4	1.95	0.74	0.65
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			84	25	14	9
5	Suspended Solid	mg/L	day	...				70	12	12	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			170	550		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	202.4	861.1				

Remark: