



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-03-2024

Test No: 1708

Weather: Cloudy

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:30 AM	Sampling Time: 11:12 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25	24.9	24.5	24.3
2	pH		day	6.5-8.5				8.09	7.95	7.88	7.76
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.1	13.3	12.6	1.31	0.59	0.22
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			90	15	6	7
5	Suspended Solid	mg/L	day	...				49	15	15	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			70	40		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	242	225.1				

Remark: