



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-08-2024

Test No: 1864

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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.5	27	26.5	26.3
2	pH		day	6.5-8.5				8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	446	79.5	77.7	1.99	0.9	0.27
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			406	32	19	14
5	Suspended Solid	mg/L	day	...				412	66	66	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			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	120.5	119.2				

Remark: