



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-08-2024

Test No: 1852

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: 01:00 PM	Sampling Time: 10:10 AM	Sampling Time: 11:10 AM	Sampling Time: 12:28 PM	Sampling Time: 12:38 PM	Sampling Time: 12:48 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.6	27.1	26.8	26.6		
2	pH		day	6.5-8.5				7.9	7.5	7.7	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	194	67.5	67.3	1.99	0.99	0.9		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			358	37	15	14		
5	Suspended Solid	mg/L	day	...				176	56	56	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric							56	
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40					40	
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	124.4	119.3					127.8	

Remark: