



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-06-2024

Test No: 1798

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: 09:40 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:05 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.9	29.3	29.5	28.1		
2	pH		day	6.5-8.5				8.5	8	8	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	174	24.4	23.5	1.95	0.63	0.4		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			130	33	8	3		
5	Suspended Solid	mg/L	day	...				135	19	19	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method I								0.26
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	190	430						430
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	417	730.4						759
Remark:													