



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-05-2024

Test No: 1777

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: 09:00 AM	Sampling Time: 9:10 AM	Sampling Time: 10:05 AM	Sampling Time: 10:48 AM	Sampling Time: 11:02 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.8	27.6	27.1	28.2		
2	pH		day	6.5-8.5				8.8	8.3	8.2	8.1		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	69.4	23.4	23.1	1.99	0.99	0.96		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			121	52	15	12		
5	Suspended Solid	mg/L	day	...				67	17	17	5	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.25		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						280	490	500
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						523.8	763.8	788
Remark:													