



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-05-2024

Test No: 1784

Weather: Rain

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 10:20 AM	Sampling Time: 10:28 AM	Sampling Time: 10:50 AM	Sampling Time: 11:03 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric		28.9	28.8	28.8	29
2	pH		day	6.5-8.5			8.3	8.1	8	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	16.7	15.7	1.99	0.98	0.95
4	Color	pt-co	day	15	Orion AQ3700/ Photometric		96	71	10	0
5	Suspended Solid	mg/L	day	...			12	12	4	1
6	Taste and Odour		day	Odorless	Manual		Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method					0.06
8	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method I					0.25
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					490
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322					787.9
Remark:										