



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-03-2024

Test No: 1723

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: 10:09 AM	Sampling Time: 10:21 AM	Sampling Time: 10:45 AM	Sampling Time: 11:10 AM	Sampling Time: 11:24 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.9	26.5	25.9	25.8
2	pH		day	6.5-8.5				8.1	8.02	7.88	7.68
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	50.6	14.5	14.4	1.44	0.28	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	11	10	7
5	Suspended Solid	mg/L	day	...				39	10	10	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						130.8
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	210	130				130
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	472.2	341.2				327.6
Remark:											