



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-01-2024

Test No: 1639

Weather: Partly 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: 09:30 AM	Sampling Time: 09:50 AM	Sampling Time: 10:35 AM	Sampling Time: 11:12 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			21.9	22.8	22.3	22.1
2	pH		day	6.5-8.5				8.12	7.88	7.76	7.62
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	32.1	12.2	11.9	1.81	0.36	0.18
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			64	25	6	2
5	Suspended Solid	mg/L	day	...				29	10	10	1
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						172.7
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	174.2	184.5				185.8
Remark:											