



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-12-2023

Test No: 1625

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: 10:03 AM	Sampling Time: 09:00 AM	Sampling Time: 10:15 AM	Sampling Time: 10:35 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24	23.5	23	22.5
2	pH		day	6.5-8.5				8.09	7.95	7.88	7.75
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.5	15.86	15	1.77	0.3	0.18
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			39	10	0	0
5	Suspended Solid	mg/L	day	...				37	16	16	2
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						153.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	193.4	180.5				180.8
Remark:											