



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-12-2023

Test No: 1632

Weather: 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: 09:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:22 AM	Sampling Time: 11:35 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23	22.5	22.3	22.9
2	pH		day	6.5-8.5				8.12	8.05	7.95	7.92
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.1	15.94	15	1.98	0.42	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			47	21	0	0
5	Suspended Solid	mg/L	day	...				48	15	15	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						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	196.2	184.9			185.9	

Remark: