



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-12-2023

Test No: 1611

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: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:27 AM	Sampling Time: 10:38 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.5	25.2	25.7	25.9
2	pH		day	6.5-8.5				8.05	7.98	7.85	7.75
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.5	19.63	19.45	1.27	0.25	0.13
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			75	25	15	9
5	Suspended Solid	mg/L	day	...				46	10	10	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						75
9	ORP	mv	Once a week	...							WTW pH/ ION 3310
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				40
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	175.9	155.8				155.6

Remark: