



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-01-2024

Test No: 1653

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: 09:47 AM	Sampling Time: 08:50 AM	Sampling Time: 09:00 AM	Sampling Time: 09:18 AM	Sampling Time: 09:30 AM	Sampling Time: 09:40 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.1	20.9	20.7	20.3
2	pH		day	6.5-8.5				7.98	7.86	7.65	7.57
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.7	14.7	14.1	1.69	0.48	0.39
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	21	14	11
5	Suspended Solid	mg/L	day	...				52	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						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	172.9	176.9			181.1	

Remark: