



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-11-2023

Test No: 1583

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: 09:53 AM	Sampling Time: 10:05 AM	Sampling Time: 10:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.9	29.3	29.4	29.3
2	pH		day	6.5-8.5				8.12	7.9	7.81	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.9	8.27	8.15	1.56	0.25	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			73	21	14	7
5	Suspended Solid	mg/L	day	...				46	7	7	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	144.2	127.6			129.9	
Remark:											