



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-03-2024

Test No: 1702

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: 09:20 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:12 AM	Sampling Time: 11:25 AM	Sampling Time: 11:32 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.9	22.6	22.7	23.1		
2	pH		day	6.5-8.5				8.16	7.96	7.88	7.78		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	79.5	13.4	13.1	1.7	0.36	0.14		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			78	22	12	3		
5	Suspended Solid	mg/L	day	...				52	10	10	1	0	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						70		
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						132.7		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						70	40	40
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						247.6	217.4	216.4
Remark:													