



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-06-2024

Test No: 1793

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: 09:40 AM	Sampling Time: 10:00 AM	Sampling Time: 10:12 AM	Sampling Time: 10:48 AM	Sampling Time: 11:02 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.5	29.7	29.4	29.5
2	pH		day	6.5-8.5				8.2	7.9	7.9	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40	18.9	17.8	1.92	0.5	0.41
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			103	10	7	0
5	Suspended Solid	mg/L	day	...				32	13	13	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			340	450		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	658	753.6				
Remark:											