



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-06-2024

Test No: 1806

Weather: Rain

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: 12:30 PM	Sampling Time: 12:40 PM	Sampling Time: 01:20 PM	Sampling Time: 01:30 PM	Sampling Time: 01:40 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.3	28.5	28.6	28.9		
2	pH		day	6.5-8.5				8.4	8	8	8.1		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	129	23.9	23.7	1.9	0.94	0.35		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			125	29	15	8		
5	Suspended Solid	mg/L	day	...				97	17	17	1	0	0
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								137.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	260						270
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	152.6	474.3						465.8
Remark:													