



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-02-2024

Test No: 1678

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: 12:00 PM	Sampling Time: 10:10 AM	Sampling Time: 11:30 AM	Sampling Time: 12:10 PM	Sampling Time: 12:22 PM	Sampling Time: 12:30 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23	22.5	22.9	22.7		
2	pH		day	6.5-8.5				8.09	7.99	7.88	7.65		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45	17.1	17.09	1.4	0.36	0.22		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			51	0	0	0		
5	Suspended Solid	mg/L	day	...				41	16	16	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric								220
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	191.7	186.3						187.6
Remark:													