



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-02-2024

Test No: 1673

Weather: Cloudy

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: 09:30 AM	Sampling Time: 09:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:25 AM	Sampling Time: 11:41 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			21.3	21.7	21.9	22.1
2	pH		day	6.5-8.5				8.12	7.97	7.81	7.69
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	33.7	11.2	10.58	1.9	0.69	0.12
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			70	26	9	3
5	Suspended Solid	mg/L	day	...				24	8	8	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	202.1	182.3	40	184.1		
Remark:											