



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-02-2024

Test No: 1692

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: 10:12 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 11:18 AM	Sampling Time: 11:32 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.5	23.9	24	23.6
2	pH		day	6.5-8.5				8.15	7.99	7.87	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45.9	10.8	10.6	1.33	0.22	0.21
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			67	25	7	7
5	Suspended Solid	mg/L	day	...				44	9	9	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			40	40		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	212.3	199.4				
Remark: 											