



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-01-2024

Test No: 1650

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:22 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20	20	20.5	20.6
2	pH		day	6.5-8.5				8.1	7.89	7.68	7.59
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40.8	19.3	19.3	1.5	0.47	0.18
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			50	23	0	0
5	Suspended Solid	mg/L	day	...				38	15	14	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	172.7	177.4	40	180.8		
Remark:											