



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-01-2024

Test No: 1655

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: 10:40 AM	Sampling Time: 10:10 AM	Sampling Time: 11:00 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.7	20.1	20	20
2	pH		day	6.5-8.5				8.09	7.97	7.88	7.59
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	67.9	12.5	12	1.53	0.49	0.07
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	18	0	0
5	Suspended Solid	mg/L	day	...				56	10	10	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				40
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	180	176.3				180.5
Remark:											