



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-12-2023

Test No: 1622

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: 11:40 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:00 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.5	24.2	23.5	23.6
2	pH		day	6.5-8.5				8.02	7.95	7.88	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.4	14.8	13.8	1.85	0.5	0.09
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			84	19	11	1
5	Suspended Solid	mg/L	day	...				55	13	13	2
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	209.5	177.3				
Remark:											