



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-12-2023

Test No: 1624

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: 09:55 AM	Sampling Time: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.2	24	23.5	23
2	pH		day	6.5-8.5				8.02	7.77	7.69	7.52
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	45.1	17.3	15.2	1.7	0.53	0.26
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			52	24	10	6
5	Suspended Solid	mg/L	day	...				40	16	16	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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	193.5	179.6				180.2
Remark:											