



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-03-2024

Test No: 1719

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: 10:36 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM	Sampling Time: 11:35 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.9	25.5	25.1	25		
2	pH		day	6.5-8.5				8.12	7.99	7.85	7.72		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.7	20.8	18.7	1.34	0.42	0.32		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			118	15	0	0		
5	Suspended Solid	mg/L	day	...				43	20	20	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric								3.53
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	140	110						110
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	369	311						305.6
Remark:													