



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-11-2023

Test No: 1586

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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.2	28.2	28.5	28.9		
2	pH		day	6.5-8.5				8.09	8	7.95	7.78		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	97.6	8.18	8.08	1.94	0.48	0.17		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			66	18	16	6		
5	Suspended Solid	mg/L	day	...				98	7	7	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						2.81		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						146.8	131.6	133.2
Remark:													