



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-01-2023

Test No: 1656

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: 03:30 PM	Sampling Time: 01:27 PM	Sampling Time: 01:39 PM	Sampling Time: 01:55 PM	Sampling Time: 02:25 PM	Sampling Time: 03:24 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.9	21.2	21.7	21.4		
2	pH		day	6.5-8.5				8.07	7.91	7.79	7.61		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	48.7	14.9	14.8	1.9	0.71	0.43		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	29	12	9		
5	Suspended Solid	mg/L	day	...				41	10	10	1	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						4.42		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						182.6	177.2	179.3
Remark:													