



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-01-2024

Test No: 1657

Weather: Cloudy

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: 10:34 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			19.8	20.5	19.5	19.9		
2	pH		day	6.5-8.5				8.13	7.99	7.88	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	55.9	11.5	11	1.6	0.46	0.22		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	13	6	6		
5	Suspended Solid	mg/L	day	...				50	10	10	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						120		
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						290		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						182.1	179.8	182.2
Remark:													