



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-07-2024

Test No: 1824

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: 09:48 AM	Sampling Time: 10:30 AM	Sampling Time: 11:20 AM	Sampling Time: 11:40 AM	Sampling Time: 11:51 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	29	28.6	28.7		
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	311	46.5	45.5	1.97	0.66	0.13		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			244	29	12	5		
5	Suspended Solid	mg/L	day	...				264	33	33	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						122		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	90	90
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						91.36	177.7	194
Remark:													