



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-08-2024

Test No: 1860

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: 11:40 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.1	28.1	27.4	27.2		
2	pH		day	6.5-8.5				8	7.5	7.7	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	315	64.7	64.4	1.92	0.47	0.24		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			346	26	12	9		
5	Suspended Solid	mg/L	day	...				273	56	56	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method								0.06
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	122.6	119						123.7
Remark:													