



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-08-2024

Test No: 1851

Weather: Rain

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: 12:30 PM	Sampling Time: 10:20 AM	Sampling Time: 10:58 AM	Sampling Time: 11:55 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.9	27.8	27.7	27.6
2	pH		day	6.5-8.5				7.8	7.5	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	181	57.4	57.2	1.98	0.68	0.34
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			320	33	15	7
5	Suspended Solid	mg/L	day	...				169	50	50	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						
8	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40				
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	124.1	119.2				
Remark:											