



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-05-2024

Test No: 1780

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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:22 AM	Sampling Time: 11:00 AM	Sampling Time: 11:12 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.3	30.5	30.7	30.4	
2	pH		day	6.5-8.5				8.7	8.3	8.2	8.1	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.4	21.1	20.3	1.92	0.65	0.24	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			108	17	0	0	
5	Suspended Solid	mg/L	day	...				54	16	16	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	717.1	723					742.7
8	Salinity	PSU	Once a week	...								0.811
9	Conductivity	µS/cm	Once a week	...								1515
10	Resistivity	Ω-cm	Once a week	...								660.2
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	380					460
Remark:												