



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-02-2024

Test No: 1696

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: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:35 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.8	23.3	23.7	24.1	
2	pH		day	6.5-8.5				8.17	7.92	7.86	7.74	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.5	15.7	15.3	1.4	0.23	0.15	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			86	20	7	3	
5	Suspended Solid	mg/L	day	...				62	12	12	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	215.4	203.2					
8	Salinity	PSU	Once a week	...								0.252
9	Conductivity	µS/cm	Once a week	...								418.8
10	Resistivity	Ω-cm	Once a week	...								2388
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	50					40
Remark:												