



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-07-2024

Test No: 1835

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: 09:00 AM	Sampling Time: 09:30 AM	Sampling Time: 09:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM								
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.9	28.4	28.3								
2	pH		day	6.5-8.5				8.1	7.7	7.9	7.9								
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	571	119	111	1.91	0.56	0.15								
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	17	13	6								
5	Suspended Solid	mg/L	day	...				501	102	102	2	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			101.2	129.8										
8	Salinity	PSU	Once a week	...															
9	Conductivity	µS/cm	Once a week	...															
10	Resistivity	Ω-cm	Once a week	...															
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	60												
Remark:																			