



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-08-2024

Test No: 1856

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: 11:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM								
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.6	27.7	27.5	27.6								
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7								
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	237	63.5	61	1.92	0.5	0.25								
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			318	32	10	8								
5	Suspended Solid	mg/L	day	...				188	51	50	1	0	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			118.2	119.2										
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	40												
Remark:																			