



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-08-2024

Test No: 1855

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: 12:30 PM	Sampling Time: 12:45 PM	Sampling Time: 12:55 PM	Sampling Time: 01:05 PM	Sampling Time: 01:20 PM	Sampling Time: 01:30 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.5	26.2	26.4	26.1		
2	pH		day	6.5-8.5				8	7.7	7.7	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	390	67	63.1	1.9	0.4	0.23		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			323	30	20	14		
5	Suspended Solid	mg/L	day	...				288	50	49	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310								142
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	117.3	119.2						123.3
Remark:													