



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-08-2024

Test No: 1862

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: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:10 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.7	28.9	28.1	27.9
2	pH		day	6.5-8.5				8.1	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	430	60.2	59.7	1.94	0.86	0.21
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			348	40	14	4
5	Suspended Solid	mg/L	day	...				377	55	55	2
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						139.6
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	119	119.3				124.2
Remark:											