



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-05-2024

Test No: 1779

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: 09:30 AM	Sampling Time: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.4	28.9	28.6	29.1		
2	pH		day	6.5-8.5				8.6	8.2	8.2	8.1		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	74.4	37.5	37.3	1.98	0.55	0.45		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			172	32	11	7		
5	Suspended Solid	mg/L	day	...				60	29	29	3	1	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								105.1
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	330	470						480
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	629.3	736.7						747.6
Remark:													