



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 03-04-2024

Test No: 1730

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: 10:20 AM	Sampling Time: 10:40 AM	Sampling Time: 10:52 AM	Sampling Time: 11:20 AM	Sampling Time: 11:33 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.4	27.8	27.6	28.3		
2	pH		day	6.5-8.5				8.16	7.96	7.89	7.82		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40.2	17.6	17.4	1.67	0.22	0.09		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			71	21	5	3		
5	Suspended Solid	mg/L	day	...				31	10	10	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310								174.6
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	420	230						220
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	796.9	493.7						469.7
Remark:													