



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 01-04-2024

Test No: 1728

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: 10:35 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:22 AM	Sampling Time: 11:34 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.4	26.6	26.4	26.7		
2	pH		day	6.5-8.5				8.14	7.98	7.89	7.79		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.4	13.36	13.2	1.73	0.29	0.16		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	24	9	5		
5	Suspended Solid	mg/L	day	...				38	10	10	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.22		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						420	190	180
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						820.1	432.9	405.1
<b>Remark:</b>													