



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 05-04-2024

Test No: 1732

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: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 11:50 AM	Sampling Time: 12:15 PM	Sampling Time: 12:25 PM	Sampling Time: 12:30 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.2	29.5	28.5	28.4		
2	pH		day	6.5-8.5				8.09	7.95	7.87	7.76		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	43.6	17.87	16.98	1.31	0.33	0.3		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			47	17	1	0		
5	Suspended Solid	mg/L	day	...				34	15	15	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								0.26
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	260	260						250
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	558.8	524.4						510.2
<b>Remark:</b>													