



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-03-2024

Test No: 1700

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: 10:02 AM	Sampling Time: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:12 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.8	25.3	25.2	25.1		
2	pH		day	6.5-8.5				8.12	8.05	8.01	7.95		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	77.4	13.38	12	1.97	0.5	0.23		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			43	25	4	0		
5	Suspended Solid	mg/L	day	...				58	7	7	2	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						0.31		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						70	40	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						256.6	214.2	209
Remark:													