



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-05-2024

Test No: 1763

Weather: Partly 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: 08:10 AM	Sampling Time: 08:50 AM	Sampling Time: 09:30 AM	Sampling Time: 10:00 AM	Sampling Time: 10:14 AM	Sampling Time: 10:20 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.6	30.3	30.1	30.3		
2	pH		day	6.5-8.5				8.21	8.1	7.95	7.83		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	74.6	15.5	15	1.92	0.92	0.54		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	33	16	9		
5	Suspended Solid	mg/L	day	...				58	10	10	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.14		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						90	560	560
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						224.8	874.3	916.7
Remark:													