



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-04-2024

Test No: 1748

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: 09:38 AM	Sampling Time: 09:50 AM	Sampling Time: 10:21 AM	Sampling Time: 10:50 AM	Sampling Time: 11:03 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			32	31.5	30	29		
2	pH		day	6.5-8.5				8.2	8.02	7.98	7.72		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	39.9	13.4	13	1.9	0.92	0.4		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	35	16	13		
5	Suspended Solid	mg/L	day	...				29	10	10	3	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						218		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						440	490	490
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						818.4	868.4	864.6

Remark: