



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-04-2024

Test No: 1733

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: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:08 AM	Sampling Time: 11:15 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31.2	30.9	29.2	29
2	pH		day	6.5-8.5				8.15	8.02	7.98	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	43.2	16.3	16.3	1.67	0.45	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			49	20	4	0
5	Suspended Solid	mg/L	day	...				30	16	16	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	230	260				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	479.5	523.4			260	
Remark:											