



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-03-2024

Test No: 1712

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: 10:28 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26	26.2	25.2	25.4		
2	pH		day	6.5-8.5				7.99	7.89	7.65	7.55		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.6	15.8	14.4	1.61	0.27	0.2		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			100	13	0	0		
5	Suspended Solid	mg/L	day	...				55	15	15	1	0	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						2.79		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						170	60	60
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						438.8	260.6	248.4
Remark:													