



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-04-2024

Test No: 1747

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: 09:56 AM	Sampling Time: 10:10 AM	Sampling Time: 10:35 AM	Sampling Time: 11:10 AM	Sampling Time: 11:24 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31.9	31.5	30.2	29.8
2	pH		day	6.5-8.5				8.15	8.02	7.92	7.82
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40.7	14.4	14.3	1.89	0.85	0.44
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			92	35	16	6
5	Suspended Solid	mg/L	day	...				28	14	14	2
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	460	500				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	855.6	866.4			500	
Remark:											