



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-02-2024

Test No: 1677

Weather: Sunny

Sl No	Test Item	Unit	Frequency	Detection limit (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: 06:25 AM	Sampling Time: 08:50 AM	Sampling Time: 08:58 AM	Sampling Time: 09:43 AM	Sampling Time: 09:52 AM	Sampling Time: 10:00 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			21.7	22.1	22.6	22.4		
2	pH		day	6.5-8.5				8.1	7.94	7.89	7.72		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	36.7	8.76	8.7	1.69	0.32	0.09		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			56	19	7	3		
5	Suspended Solid	mg/L	day	...				28	5	5	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								4.46
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	198.8	186.1						187.6
Remark:													