



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-03-2024

Test No: 1698

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: 01:30 PM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 01:00 PM	Sampling Time: 01:10 PM	Sampling Time: 01:20 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.8	24.7	24.4	24.5
2	pH		day	6.5-8.5				8.12	7.98	7.89	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	58.7	13.7	13.6	1.65	0.72	0.22
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			62	18	12	7
5	Suspended Solid	mg/L	day	...				48	8	8	1
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	60	40				
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	237.6	208.2				
Remark:											