



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-03-2024

Test No: 1705

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: 10:01 AM	Sampling Time: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 10:50 AM	Sampling Time: 11:02 AM	Sampling Time: 11:07 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.8	23.5	24.1	24.3
2	pH		day	6.5-8.5				8.17	7.92	7.84	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.9	12.7	12.3	1.6	0.23	0.09
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			64	17	7	4
5	Suspended Solid	mg/L	day	...				35	9	9	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	70	40				
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	242.5	222.4				223.8
Remark:											