



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-03-2024

Test No: 1706

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: 08:30 AM	Sampling Time: 08:40 AM	Sampling Time: 08:45 AM	Sampling Time: 10:27 AM	Sampling Time: 10:35 AM	Sampling Time: 10:40 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.1	25.2	25.1	26.1
2	pH		day	6.5-8.5				8.16	7.92	7.84	7.73
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	57.2	10.8	10.7	1.4	0.17	0.12
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	14	7	4
5	Suspended Solid	mg/L	day	...				44	7	7	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			70	40		
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star TM A222 & A322	241.1	222.6				
Remark:											