



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-01-2024

Test No: 1662

Weather: Partly 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: 08:40 AM	Sampling Time: 08:50 AM	Sampling Time: 09:00 AM	Sampling Time: 09:50 AM	Sampling Time: 10:01 AM	Sampling Time: 10:09 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.1	20.5	20.7	20.4		
2	pH		day	6.5-8.5				8.03	7.91	7.79	7.62		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	58.8	12.1	11.6	1.79	0.56	0.14		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			66	23	14	5		
5	Suspended Solid	mg/L	day	...				52	9	9	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1								0.38
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	180.2	179.2						181.4
Remark:													