



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-03-2024

Test No: 1707

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:40 AM	Sampling Time: 11:48 AM	Sampling Time: 11:55 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25	25.2	25.1	25.4		
2	pH		day	6.5-8.5				8.17	7.94	7.88	7.73		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	58.1	10.5	10.4	1.36	0.34	0.23		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			63	17	14	3		
5	Suspended Solid	mg/L	day	...				45	8	8	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 Method I								0.37
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	70	50						40
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	243.7	226.6						225.7
Remark:													