



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-03-2024

Test No: 1727

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: 10:45 AM	Sampling Time: 10:50 AM	Sampling Time: 11:20 AM	Sampling Time: 11:26 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.1	28.6	28.4	28.9
2	pH		day	6.5-8.5				8.17	7.99	7.89	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.4	12.9	12.9	1.55	0.27	0.22
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			78	26	15	14
5	Suspended Solid	mg/L	day	...				36	10	10	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			400	170		
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	764	392.4				
Remark:											