



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-03-2024

Test No: 1721

Weather: Sunny

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:50 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM	Sampling Time: 11:46 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			27	26.9	26.8	26.5
2	pH		day	6.5-8.5				8.2	8.09	7.88	7.65
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.6	18.7	16.7	1.54	0.58	0.22
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			85	18	4	0
5	Suspended Solid	mg/L	day	...				42	15	15	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			170	120		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	381.9	322.1	120	309.6		
Remark:											