



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-03-2024

Test No: 1713

Weather: Cloudy

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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:18 AM	Sampling Time: 11:38 AM	Sampling Time: 11:45 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.5	26.2	26	25.6
2	pH		day	6.5-8.5				8.2	7.98	7.82	7.75
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.9	16.4	15.9	1.64	0.42	0.18
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			103	26	4	0
5	Suspended Solid	mg/L	day	...				65	19	19	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			170	70		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	455.8	268.6	70	258.9		
Remark:											