



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-11-2023

Test No: 1579

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: 11:30 AM	Sampling Time: 09:20 AM	Sampling Time: 09:35 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.9	29.7	29.8	29.6
2	pH		day	6.5-8.5				8.12	7.9	7.81	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	78.2	9.18	9.1	1.88	0.31	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			73	26	10	3
5	Suspended Solid	mg/L	day	...				65	7	7	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			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	131.7	122.7	40	126.3		
Remark:											