



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-12-2023

Test No: 1608

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: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 11:00 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.4	26.7	25.9	25.3
2	pH		day	6.5-8.5				8.1	7.91	7.84	7.74
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	53.9	12.8	12.6	1.99	0.93	0.73
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			77	33	15	14
5	Suspended Solid	mg/L	day	...				44	9	9	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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	168.6	152.4				
Remark:											