



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-11-2023

Test No: 1603

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: 10:07 AM	Sampling Time: 10:27 AM	Sampling Time: 10:33 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			27.1	26.3	25.9	26.1
2	pH		day	6.5-8.5				8.09	7.92	7.81	7.74
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	63.8	17.3	14.3	1.96	0.57	0.33
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			85	31	8	9
5	Suspended Solid	mg/L	day	...				70	10	10	1
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	166.1	147.3				
Remark:											