



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-11-2023

Test No: 1602

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: 10:08 AM	Sampling Time: 10:25 AM	Sampling Time: 10:45 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:36 AM		
1		°C	day	20-30	OHAUS-ST300/ Electrometric			26.2	27.9	26.8	26.9		
	pH		day	6.5-8.5				8.12	8	7.95	7.87		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.2	19.59	19	1.98	0.97	0.37		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			82	43	13	10		
5	Suspended Solid	mg/L	day	...				84	11	11	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.27		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						169.3	146.5	146.8

Remark: