



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-03-2024

Test No: 1701

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: 10:06 AM	Sampling Time: 10:20 AM	Sampling Time: 10:50 AM	Sampling Time: 11:20 AM	Sampling Time: 11:32 AM	Sampling Time: 11:38 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.1	23.9	23.7	23.9
2	pH		day	6.5-8.5				8.16	7.98	7.89	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	70.3	12.6	12.4	1.72	0.25	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	24	7	4
5	Suspended Solid	mg/L	day	...				52	10	10	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			70	40		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	253	215.3				
Remark:											