



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-03-2024

Test No: 1711

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: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:07 AM	Sampling Time: 11:28 AM	Sampling Time: 11:37 AM	Sampling Time: 11:42 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			27.2	27	26.1	26
2	pH		day	6.5-8.5				8.21	8.09	8.02	7.85
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	57.1	11.5	11	1.67	0.39	0.29
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	15	3	1
5	Suspended Solid	mg/L	day	...				51	12	12	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			150	50		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	368.3	243.9	50	238.2		
Remark:											