



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-04-2024

Test No: 1729

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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 11:10 AM	Sampling Time: 11:22 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.9	28.9	28.1	27.2
2	pH		day	6.5-8.5				8.04	7.95	7.87	7.69
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	53.2	13.1	12.8	1.8	0.3	0.18
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	15	7	6
5	Suspended Solid	mg/L	day	...				39	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	400	210				200
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	814.2	472.5				435.4
Remark:											