



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-01-2024

Test No: 1638

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: 09:20 AM	Sampling Time: 09:30 AM	Sampling Time: 10:50 AM	Sampling Time: 11:25 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.1	22.3	22.5	22.4
2	pH		day	6.5-8.5				8.1	7.89	7.77	7.64
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	286	14.8	14.6	1.92	0.52	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			82	27	8	4
5	Suspended Solid	mg/L	day	...				291	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			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	196.2	183.8	40	186.9		
Remark:											