



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-05-2024

Test No: 1781

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: 09:40 AM	Sampling Time: 09:50 AM	Sampling Time: 10:00 AM	Sampling Time: 11:08 AM	Sampling Time: 11:18 AM	Sampling Time: 11:27 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.5	29.8	29.6	29.4
2	pH		day	6.5-8.5				8.5	8.1	8	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	94.4	21.4	21.2	1.82	0.38	0.23
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			117	20	12	7
5	Suspended Solid	mg/L	day	...				76	18	18	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			690	460		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	1227	739.1	460	729.3		
Remark:											