



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-07-2024

Test No: 1836

Weather: Cloudy

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: 03:30 PM	Sampling Time: 03:39 PM	Sampling Time: 03:48 PM	Sampling Time: 04:08 PM	Sampling Time: 04:21 PM	Sampling Time: 04:30 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30	29.6	29.4	28
2	pH		day	6.5-8.5				8.4	7.8	7.9	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	554	115	108	1.86	0.78	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	13	7	7
5	Suspended Solid	mg/L	day	...				483	101	101	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	60		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	110.7	127.7				

Remark: