



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-11-2023

Test No: 1582

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: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:30 AM	Sampling Time: 12:00 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.2	30	29.9	29.8
2	pH		day	6.5-8.5				8.15	8.09	7.97	7.89
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	78	9.57	8.76	1.82	0.76	0.33
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			74	13	5	4
5	Suspended Solid	mg/L	day	...				45	9	9	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	129.5	126.9	40	129		
Remark:											