



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-11-2023

Test No: 1576

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: 10:57 AM	Sampling Time: 09:25 AM	Sampling Time: 09:30 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.8	30	29.8	29.6
2	pH		day	6.5-8.5				8.09	7.9	7.81	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.4	8.67	8.57	1.75	0.39	0.15
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			59	19	9	6
5	Suspended Solid	mg/L	day	...				35	7	7	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	127.2	122.2			125.3	
Remark:											