



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-11-2023

Test No: 1579

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: 09:51 AM	Sampling Time: 09:53	Sampling Time: 09:55	Sampling Time: 10:02 AM	Sampling Time: 10:03 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.1	29.9	29.6	29.5		
2	pH		day	6.5-8.5				8.1	7.92	7.81	7.78		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40.7	9.82	9.6	1.87	0.43	0.32		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	27	14	10		
5	Suspended Solid	mg/L	day	...				37	8	7	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						2.52		
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.08		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						136.1	123.9	126.6
Remark:													