



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-10-2023

Test No: 1574

Weather: Hazy Sunshine

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: 09:40 AM	Sampling Time: 09:48 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.1	29.9	29.7	29.2		
2	pH		day	6.5-8.5				8.09	7.88	7.82	7.76		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	67.2	8.2	7.98	1.94	0.55	0.14		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			52	29	7	8		
5	Suspended Solid	mg/L	day	...				40	7	7	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method I								0.35
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	130.8	122.8						125.4
Remark:													