



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-10-2023

Test No: 1571

Weather: Sunny

Sl No.	Test Item	Unit	Frequency	Detection limit (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: 10:21 AM	Sampling Time: 10:35 AM	Sampling Time: 10:40 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			32	31.9	30.5	30		
2	pH		day	6.5-8.5				8.12	8.02	7.98	7.88		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	77	14.1	12.1	1.9	0.58	0.08		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			91	23	13	13		
5	Suspended Solid	mg/L	day	...				82	11	11	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1								0.32
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2	8							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	125.2	120						123.5
Remark:													