



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-12-2023

Test No: 1629

Weather: Cloudy

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: 10:03 AM	Sampling Time: 10:15 AM	Sampling Time: 10:25 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23	22.4	22.5	22.5	
2	pH		day	6.5-8.5				8.12	8.05	7.99	7.82	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	34.2	9.45	9.02	1.22	0.39	0.28	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			59	18	13	0	
5	Suspended Solid	mg/L	day	...				29	7	7	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							280
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric	380						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	195.3	182.7					182.4
Remark:												