



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-02-2024

Test No: 1690

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: 10:12 AM	Sampling Time: 10:25 AM	Sampling Time: 10:50 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM	Sampling Time: 11:36 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24	23.5	23.4	23.9
2	pH		day	6.5-8.5				8.18	8.05	7.92	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	42.5	10.2	10.1	1.84	0.34	0.28
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			59	22	15	3
5	Suspended Solid	mg/L	day	...				40	9	9	2
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						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	211.1	196.8			199.7	
Remark:											