



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-01-2024

Test No: 1648

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.9	20.6	21	21.5
2	pH		day	6.5-8.5				8.18	8.09	7.98	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.6	19.64	19.03	1.3	0.4	0.09
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	6	0	0
5	Suspended Solid	mg/L	day	...				43	18	18	1
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	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	174	177.5			183.9	
Remark:											