



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-01-2024

Test No: 1641

Weather: Sunny

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: 09:01 AM	Sampling Time: 09:10 AM	Sampling Time: 09:20 AM	Sampling Time: 10:15 AM	Sampling Time: 10:25 AM	Sampling Time: 10:34 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			21.7	22.1	22.4	22.1	
2	pH		day	6.5-8.5				8.12	7.91	7.72	7.61	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	43.2	11.9	11.8	1.89	0.61	0.22	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			60	29	7	2	
5	Suspended Solid	mg/L	day	...				33	8	8	1	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							
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30			
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	177.4	182.5					
Remark:												