



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-07-2024

Test No: 1822

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: 11:24 AM	Sampling Time: 11:32 AM	Sampling Time: 11:40 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.2	28.1	27.8	27.9
2	pH		day	6.5-8.5				7.8	7.6	7.6	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	202	36.4	36.2	1.9	0.45	0.38
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			199	29	14	12
5	Suspended Solid	mg/L	day	...				145	29	29	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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	100		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	104.8	215.5				
Remark:											